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## MORTALITY FROM CERTAIN CAUSES DURING THE FIRST 9 MONTHS OF 1937<sup>1</sup>

The mortality rates presented in the accompanying table are based upon preliminary reports from the State departments of health of 39 States, the District of Columbia, and Hawaii. For 21 States and the District of Columbia comparative data are shown for the 3 immediately preceding years, 1934-36.

Because of lack of uniformity in the method of classifying deaths according to cause, and because a number of death certificates were not filed in time to be included, these mortality rates are preliminary and are intended to serve as an index of current mortality conditions only within the same area for which previous reports are available. The mortality rates of one State are not strictly comparable with those of another, owing to the varying practices in tabulation procedure in the different States and to the fact that crude rates are affected by differences in the age, sex, and racial characteristics of the populations concerned.

The low mortality rates recorded during the second quarter of 1937 continued throughout the third quarter so that the mortality from all causes, 11.1 per 1,000 population, for the first 9 months of 1937 was 6 percent less than that for the same period in 1936. This improvement in mortality conditions was shared in by 20 of the 26 States (including the District of Columbia) for which comparative data are available.

Only five causes or groups of causes of death show an increase over last year, viz, whooping cough, poliomyelitis, influenza, cancer, and diabetes. The increase in the death rate from cancer and diabetes was negligible (about 1 percent). Influenza, the other important cause with a higher death rate, took about 40 percent more lives than during the corresponding period of 1936.

Of the communicable diseases of childhood, whooping cough and poliomyelitis had death rates which were two and three times, respectively, the corresponding rates for the third quarter of 1936. The mortality from whooping cough has been fairly high since January 1937, but the excess mortality from poliomyelitis occurred only during the third quarter of the year.

<sup>1</sup> From the Division of Public Health Methods, National Institute of Health.

All of the other causes of death reported in table 1 show death rates which are lower than, or equal to, the corresponding rates reported in 1936. In addition, all of the important causes of death except heart disease, pneumonia, and cerebral hemorrhage have the lowest rates reported for the past 4 years.

The downward trend in the death rate from tuberculosis, which was practically checked in 1936, has continued during the first 9 months of 1937. The death rate for the current period, 50.7 per 100,000 population, is about 2 percent less than that for last year.

One of the most encouraging aspects of the current mortality record is the continued decline in the number of deaths associated with pregnancy and childbirth. The number of puerperal deaths per 1,000 live births is 15 percent less than the rate for 1936 and 23 percent less than the rate for 1934. If the last 3 months of 1937 have as favorable a record as the first 9, 1937 will be the ninth consecutive year in which a decline in maternal mortality has been recorded.

The infant mortality rate, 50 per 1,000 live births, is the lowest recorded for this group of States and represents a decline of 2 percent from 1936.

Present reports indicate that the birth rate for 1937 will be at least as large as it was in 1936. The rate for the current period is 16.0 per 1,000 population as compared with 15.9 for 1936.

*Mortality from certain causes in the first 9 months of 1937, with comparative data for the corresponding period in preceding years*

\* Data not compiled for these months prior to 1987.

<sup>1</sup> States included are Connecticut, District of Columbia, Georgia, Idaho, Illinois, Indiana, Iowa, Kansas, Louisiana, Maryland, Michigan, Minnesota, Montana, Nebraska, New Jersey, New York, Pennsylvania, Rhode Island, South Dakota, Tennessee, Virginia, and Wisconsin (estimated population July 1, 1937, 72,390,000). List includes all of the States with available data for the 4 years covered in this summary.

*Mortality from certain causes in the first 9 months of 1937, with comparative data for the corresponding period in preceding years—Continued*

State and period	JANUARY TO SEPTEMBER	Death rate per 100,000 population (annual basis)									
		Alabama:					Mississippi:				
All causes, rate per 1,000 population (annual basis)	13.6	15.8	69	5.1	2.6	1.5	(6)	8.2	.5	26.0	.5
Births (exclusive of stillbirths) per 1,000 population (annual basis)	13.8	19.2	63	6.0	1.4	2.7	.6	3.3	2.1	18.9	.6
Connecticut:	13.4	18.7	70	5.8	2.2	.2	2.4	5.5	2.5	61.1	4.4
Delaware:	10.2	12.9	41	3.0	.2	.8	.8	1.4	1.1	13.9	.4
District of Columbia:	10.2	12.8	42	4.9	.6	2.5	1.5	2.6	1.7	12.2	.4
Florida:	14.4	18.4	12.4	13.0	5.1	4.7	1.0	1.7	1.2	9.0	.4
Georgia:	10.5	18.4	61	6.1	1.8	(6)	1.8	2.5	1.5	9.0	.4
Alabama:	10.7	21.2	65	5.9	2.2	1.1	.4	7.3	2.2	57.3	0.6
California:	10.9	21.6	66	6.5	2.7	1.8	.4	2.9	2.8	56.9	1.3
Connecticut:	14.3	14.6	54	4.4	.8	1.0	5.4	1.0	3.7	37.7	.4
Delaware:	12.8	13.3	64	6.0	.9	2.1	1.8	1.9	1.9	18.4	.3
Florida:	13.8	18.3	12.2	12.8	5.1	4.3	1.9	1.8	1.9	18.4	.3
Georgia:	10.6	19.6	60	5.7	2.2	1.1	.4	7.0	1.7	57.3	0.6
Alabama:	10.7	21.2	65	5.9	2.2	1.1	.4	7.3	2.2	57.3	0.6
California:	10.9	21.6	66	6.5	2.7	1.8	.4	2.9	2.8	56.9	1.3
Connecticut:	14.3	14.6	54	4.4	.8	1.0	5.4	1.0	3.7	37.7	.4
Delaware:	12.8	13.3	64	6.0	.9	2.1	1.8	1.9	1.9	18.4	.3
Florida:	13.8	18.3	12.2	12.8	5.1	4.3	1.9	1.8	1.9	18.4	.3
Georgia:	10.6	19.6	60	5.7	2.2	1.1	.4	7.0	1.7	57.3	0.6
All accidents, rates per 1,000 population (annual basis)	12.2	18.7	62	6.5	2.5	1.5	.2	7.5	1.7	57.3	0.6
Total infant mortality	13.6	15.8	69	5.1	2.6	1.5	(6)	8.2	.5	26.0	.5
Typhoid fever (1, 2)	12.2	18.7	62	6.5	2.5	1.5	.2	7.5	1.7	57.3	0.6
Measles (7)	10.2	12.9	41	3.0	.2	.8	.8	1.4	1.1	13.9	.4
Scarlet fever (8)	10.2	12.8	42	4.9	.6	2.5	1.5	2.6	1.7	12.2	.4
Whooping cough (9)	10.2	12.9	41	3.0	.2	.8	.8	1.4	1.1	13.9	.4
Diphtheria (10)	12.4	13.0	51	4.7	1.0	1.7	1.2	1.9	1.7	12.2	.4
Influenza (11)	13.4	18.7	70	5.8	2.2	.2	2.4	5.5	2.5	61.1	4.4
Acute poliomyelitis and poliomyelitis, epidemic (16)	10.2	12.9	41	3.0	.2	.8	.8	1.4	1.1	13.9	.4
Encephalitis, epidemic (17)	10.2	12.8	42	4.9	.6	2.5	1.5	2.6	1.7	12.2	.4
Pediatric enteritis (18)	12.4	13.0	51	4.7	1.0	1.7	1.2	1.9	1.7	12.2	.4
Tuberculosis, all forms (22-32)	13.4	18.7	70	5.8	2.2	.2	2.4	5.5	2.5	61.1	4.4
Cancer, all forms (46-53)	10.2	12.9	41	3.0	.2	.8	.8	1.4	1.1	13.9	.4
Diabetes (56)	12.4	13.0	51	4.7	1.0	1.7	1.2	1.9	1.7	12.2	.4
Cerebral hemorrhage (52a, b)	13.4	18.7	70	5.8	2.2	.2	2.4	5.5	2.5	61.1	4.4
Pneumonia, all forms (107-109)	10.2	12.9	41	3.0	.2	.8	.8	1.4	1.1	13.9	.4
Diseases of the heart (90-95)	12.4	13.0	51	4.7	1.0	1.7	1.2	1.9	1.7	12.2	.4
Diarrhea and enteritis under 2 years (119)	13.4	18.7	70	5.8	2.2	.2	2.4	5.5	2.5	61.1	4.4
Nephritis (130-132)	10.2	12.9	41	3.0	.2	.8	.8	1.4	1.1	13.9	.4
All accidents (170-194)	10.7	21.2	65	5.9	2.2	1.1	.4	7.3	1.7	57.3	0.6
Automobile accidents (206, 210)	10.9	21.6	66	6.5	2.7	1.8	.4	7.5	1.7	57.3	0.6

Hawaii:														
1937	8.3	20.1	1.8	55.2	(6)	1.2	3.3	6.4	.3	3.0	76.7	69.2	16.1	
1936	7.9	21.7	3.8	52.1	(6)	1.6	2.1	13.1	.3	1.8	77.3	63.6	12.0	
Idaho:	7.7	21.7	4.6	51.9	(6)	2.1	.3	5.7	(6)	1.9	74.2	62.3	16.7	
1937	9.8	21.6	3.8	51.6	1.6	3.6	1.9	12.4	1.9	1.1	1.1	20.4	82.2	
1936	10.5	20.8	4.5	53.4	2.2	1.9	1.9	8.0	.8	1.1	6.9	23.2	12.0	
Illinois:	9.9	20.8	7.1	52.0	2.5	4.7	8.9	.3	17.3	.8	2.2	4.5	23.2	64.2
1937	11.2	14.2	45.1	45.1	'8	'2	2.3	2.1	2.0	1.2	'4	1.4	52.0	120.8
1936	11.9	14.0	48.4	44.4	'8	'2	3.5	2.0	2.0	1.6	'5	2.5	52.5	131.6
1935	10.9	14.0	47.1	51.3	4.9	6.0	3.0	2.5	18.0	.4	.6	2.9	52.9	127.1
Indiana:	11.2	14.4	53	3.8	1.3	'4	3.1	6.2	1.2	37.9	1.0	.5	1.8	46.1
1936	12.0	14.3	52	5.1	1.5	'2	3.4	1.7	2.7	30.7	.3	.7	2.1	48.8
Iowa:	11.2	14.1	54	5.2	1.4	3.5	3.3	4.9	2.5	27.8	.2	.8	2.8	45.7
1937	9.8	15.7	43	4.7	1.7	1.2	4.2	3.5	1.1	30.0	1.6	.2	.4	21.0
1936	10.1	16.8	41	4.1	1.7	1.1	3.3	1.5	1.8	19.1	.1	.2	.4	22.4
Kansas:	10.4	15.6	50	5.5	1.4	8.0	2.4	1.9	1.9	24.1	.4	.7	1.9	26.2
1937	10.3	15.0	46	4.4	7	'1	4.2	2.7	1.3	40.0	2.0	.7	1.3	27.0
1936	11.8	15.6	53	6.0	1.7	1.1	4.8	1.0	2.1	53.1	.7	1.1	1.3	30.7
1935	10.9	16.5	50	5.1	1.6	10.0	2.1	3.1	1.7	35.1	.3	1.0	2.3	28.7
Kentucky:	10.2	20.1	51	4.0	5.3	3.5	1.4	7.8	3.4	57.3	1.2	.6	2.9	66.6
Louisiana:	11.6	20.2	69	8.0	6.5	1.1	7	7.6	2.8	62.2	.8	.4	1.4	72.3
1936	12.0	18.5	70	10.1	7.4	2.8	.3	6.0	3.6	55.1	.4	.1	2.1	73.6
Maine:	10.8	18.4	69	8.0	9.9	7.6	.6	2.9	4.5	24.3	.8	.4	.8	73.2
1937	13.3	18.4	60	5.1	1.6	3	1.0	2.1	3.1	17.7	.1	.1	.1	11.5
Maryland:	13.3	16.6	63	4.1	1.9	2.9	.8	6.3	1.4	19.0	1.3	1.6	3.2	86.0
1936	13.0	16.4	62	4.8	1.8	1.7	4.3	1.3	1.3	(6)	1.0	8.6	82.4	127.8
Massachusetts:	12.7	16.5	61	4.9	2.3	1.5	2.1	3.3	1.1	17.5	.2	1.0	5.2	82.3
1937	8.5	(9)	(9)	'2	'8	1.0	2.3	'3	11.4	'6	'3	1.8	40.9	146.5
Michigan:	10.9	18.6	50	3.7	'7	'2	3.4	2.9	1.2	21.6	1.2	'2	1.0	45.5
1936	11.5	18.4	50	5.0	'7	'2	2.4	2.3	.8	12.7	'4	'4	1.3	44.4
Minnesota:	10.9	18.5	49	5.1	'7	5.1	2.2	2.9	.8	16.9	'7	'3	1.0	45.3
1937	10.1	18.1	41	3.0	'3	'3	1.7	2.5	'4	28.9	1.6	1.0	1.1	35.1
1936	10.9	17.2	44	4.3	'6	1.1	6.1	1.0	4	13.9	'2	'8	1.8	36.6
Missouri:	10.0	16.6	46	4.8	'7	3.2	3.4	2.9	.5	17.7	'4	'8	1.8	35.8
1937	11.8	13.7	61	5.8	3.6	'4	2.9	4.4	1.9	43.4	1.4	1.0	1.3	57.4

January to June.  
Data not available.  
No deaths.

February 4, 1938

*Mortality from certain causes in the first 9 months of 1937, with comparative data for the corresponding period in preceding years—Continued*

Oklahoma:		1937																							
Oklahoma:		1937																							
Pennsylvania:		1937																							
Rhode Island:		1937																							
South Carolina:		1937																							
Tennessee:		1937																							
Utah:		1936																							
Vermont:		1937																							
Virginia:		1937																							
Wisconsin:		1936																							
Wyoming:		1937																							
0.0	4.9	1.3	2.7	2.5	48.9	2.4	-3	51.9	72.1	12.8	61.0	130.2	76.7	64.9	11.5	63.7	62.8	24.1							
16.2	42	3.8	.8	.1	1.0	2.3	.3	.3	37.3	.6	.9	.6	35.6	129.5	22.0	105.8	278.7	67.8	63.2	1.2	106.5	91.7	31.0		
12.2	15.2	16.0	51	4.2	1.0	.8	1.0	2.9	.9	31.0	.4	.7	1.4	47.5	115.8	30.8	78.2	297.3	77.7	56.4	6.2	85.0	62.2	20.2	
11.0	15.8	48	4.6	51	6.1	.8	2.9	1.7	2.1	1.6	20.2	.2	.8	1.4	44.7	111.0	28.1	80.2	269.3	80.1	54.5	5.9	82.5	63.3	-----
10.6	16.1	16.1	51	6.1	1.8	2.9	2.1	1.6	2.1	1.6	20.2	.2	.8	1.3	45.9	105.9	26.9	79.8	268.6	81.8	56.3	5.6	82.5	63.3	-----
12.4	15.2	48	3.6	52	.2	6.1	1.8	2.9	.4	13.7	(0)	.4	.4	2.7	47.7	157.6	42.6	97.6	369.5	101.7	59.9	4.5	111.7	63.2	17.9
11.8	15.2	48	4.0	4.0	.2	6.1	1.8	1.0	.2	11.0	(0)	.4	.4	3.5	48.6	138.5	33.3	90.1	361.1	91.8	62.8	4.5	102.2	63.2	17.9
11.5	15.3	48	4.0	.4	1.4	1.4	1.2	1.0	1.0	4.3	.2	.2	2.7	50.8	146.0	33.4	90.3	381.0	80.7	60.6	5.5	104.6	63.0	-----	
10.4	18.2	87	8.4	6.8	1.0	4	0.2	2.1	3.1	2.1	50.9	.6	.3	1.1	47.8	48.1	11.0	86.8	178.1	93.1	27.9	10.1	88.2	48.0	24.3
10.8	19.1	84	8.5	6.8	1.0	4	3.0	2.1	3.0	2.1	50.9	.6	.3	1.3	45.4	104.0	26.4	90.1	176.0	116.9	36.7	9.0	80.7	48.0	24.3
10.7	19.8	84	9.9	8.9	1.6	.2	10.8	1.7	54.4	.8	.9	1.5	53.1	44.9	10.7	94.2	177.7	87.0	35.8	8.2	92.7	50.0	-----		
9.1	16.8	53	4.4	4.4	(0)	3.1	1.7	1.6	1.6	48.5	.8	1.0	1.4	37.1	82.1	19.7	72.7	164.8	71.1	54.7	4.2	41.9	62.4	15.3	
9.2	19.1	47	4.3	4.2	1.4	4.1	1.0	1.0	1.0	4.1	1.0	.2	(0)	40.8	91.3	22.2	83.6	167.6	62.7	62.7	10.2	70.0	58.5	-----	
9.2	19.1	53	4.4	4.4	1.4	4.1	1.0	1.0	1.0	4.1	1.0	.2	(0)	40.8	91.3	20.1	78.8	138.5	101.8	60.3	-----	-----	-----		
10.2	16.6	64	0.8	4.7	1.0	.8	4.6	3.0	3.3	53.5	1.3	.6	2.6	83.7	65.8	10.7	76.5	155.7	91.7	76.7	19.7	63.6	65.7	22.6	
11.1	16.4	69	7.2	4.4	1.0	.7	2.4	3.0	61.7	1.4	.6	4.0	90.2	62.4	11.6	79.0	160.8	120.0	80.7	19.9	68.3	65.7	22.6		
10.1	17.3	66	6.9	5.9	1.0	.7	3.9	3.0	42.4	1.8	.5	4.0	83.7	64.1	11.2	74.6	158.6	89.2	78.2	20.0	61.3	65.7	22.6		
9.5	24.1	39	3.6	1.0	.8	1.6	3.4	1.3	27.9	1.6	1.0	1.3	21.2	92.3	20.4	65.1	220.6	64.1	68.3	2.8	56.6	89.7	33.6		
11.3	14.5	48	6.9	1.4	(0)	.3	1.0	.7	37.0	.7	(0)	.7	50.6	138.2	21.6	112.8	322.9	98.4	52.7	3.5	72.3	67.7	15.4		
10.8	18.5	62	5.1	1.9	2.9	.3	8.8	3	44.8	.7	4.6	6.6	62.2	71.6	15.4	87.3	219.2	98.6	54.7	14.3	82.3	67.1	25.0		
11.3	19.2	66	5.1	2.3	4.3	2.4	40.7	3.4	40.7	.4	5.7	67.5	70.2	15.7	95.5	233.6	92.6	55.6	19.9	83.4	67.1	25.0			
10.9	19.3	66	5.2	2.4	6.6	1.0	9.0	3.0	40.7	1.9	.6	3.9	71.2	71.3	15.1	93.1	210.5	79.3	57.4	12.3	86.9	67.1	25.0		
11.5	14.8	40	6.1	.8	1.0	1.0	1.3	1.0	30.0	.6	2.0	1.4	47.5	130.8	23.9	103.2	296.4	70.6	54.8	2.3	75.0	97.5	31.5		
11.7	14.2	43	6.3	.8	2.7	1.6	2.1	2.1	28.9	.7	2.0	1.4	50.6	142.2	24.5	104.0	272.8	70.4	65.3	2.4	75.4	79.9	31.5		
11.2	14.0	44	6.7	1.6	2.7	1.3	2.7	.8	28.1	.8	2.0	1.2	52.2	133.2	21.9	99.1	288.2	52.6	53.3	3.2	79.9	79.9	31.5		
11.2	18.1	44	5.0	.4	1.6	1.6	1.8	.7	61.0	1.0	.5	8	36.2	125.2	26.1	91.9	290.3	69.5	(0)	4.6	71.0	83.9	27.6		
10.4	17.6	46	3.9	.2	3.2	4.0	1.9	.5	22.2	.2	1.0	1.4	37.7	133.0	22.1	100.7	291.5	72.4	64.5	(0)	6.0	71.3	27.6		
10.9	19.3	54	2.8	.6	5.1	5.1	(0)	.9	58.8	4.0	1.7	2.8	18.8	73.7	0.1	62.8	261.1	125.1	74.8	14.3	31.4	63.0	-----		

\* Data not available.  
† No deaths.

**NATALITY AND MORTALITY DATA, BY STATES, FOR 1936  
AND SUMMARIES FOR EACH YEAR SINCE THE ESTAB-  
LISHMENT OF THE BIRTH AND DEATH REGISTRATION  
AREAS**

Table 1<sup>1</sup> presents the natality and mortality data for the United States by States, for 1936 and a comparison with 1935. The birth and death rates are births and deaths per 1,000 population.

The high death rates evidenced in Arizona, New Mexico, and Nevada are due, in large measure, to an excess in the number of non-resident deaths from tuberculosis; while those in the New England area result, for the most part, from the relatively advanced age of the population. The variations in the birth rates are due to a combination of biological and social factors, such as race, age of population, and fertility.

Table 2<sup>1</sup> gives a summary of the natality, general mortality, and infant mortality data for the birth and death registration areas for each year since 1920. Prior to 1933 the registration areas did not include all States, nor did the birth and death areas include the same group of States. For this reason the data for the two areas are tabulated separately.

Both the birth and the death rates have declined in the last 15 years; but especially worthy of note is the infant mortality rate, which has dropped almost one-third during that period.

**TABLE 1.—Summary of natality and mortality data for each State, 1935 and 1936**

Area	Estimated popula- tion July 1		Total births		Total deaths		Rate per 1,000 esti- mated population			
			1936	1935			1936	1935	1936	1935
	1936	1935	1936	1935	1936	1935	1936	1935	1936	1935
United States.....	128,429,000	127,521,000	2,144,790	2,155,105	1,479,228	1,392,752	16.7	16.9	11.5	10.9
Alabama.....	2,894,000	2,834,000	60,116	62,239	31,153	28,585	21.0	22.0	10.9	10.1
Arizona.....	406,000	405,000	9,545	9,139	6,551	6,077	23.5	22.5	16.1	15.0
Arkansas.....	2,023,000	1,999,000	33,520	35,684	18,465	16,176	16.6	17.9	9.1	8.1
California.....	6,059,000	5,997,000	84,502	80,131	76,094	72,456	13.9	13.4	12.6	12.1
Colorado.....	1,065,000	1,062,000	18,270	18,837	13,674	13,134	17.1	17.7	12.8	12.4
Connecticut.....	1,734,000	1,717,000	22,228	22,258	17,856	17,659	12.8	13.0	10.3	10.8
Delaware.....	259,000	256,000	3,922	4,036	3,317	3,208	15.1	14.8	12.8	12.5
District of Columbia.....	619,000	594,000	11,704	10,806	9,094	8,483	18.9	18.2	14.7	14.3
Florida.....	1,642,000	1,614,000	28,097	28,051	20,953	20,046	17.1	17.4	12.8	12.4
Georgia.....	3,060,000	3,035,000	61,658	63,230	37,263	34,288	20.1	20.8	12.2	11.3
Idaho.....	435,000	479,000	10,224	9,469	5,014	4,531	21.1	19.8	10.8	9.5
Illinois.....	7,845,000	7,817,000	112,167	111,884	92,806	85,518	14.3	14.8	11.8	10.9
Indiana.....	3,459,000	3,429,000	54,034	52,909	42,470	39,515	15.6	15.4	12.3	11.5
Iowa.....	2,543,000	2,534,000	42,715	41,137	25,432	26,384	16.8	16.2	11.2	10.4
Kansas.....	1,886,000	1,878,000	29,998	30,589	21,674	20,334	15.9	16.3	11.5	10.8
Kentucky.....	2,833,000	2,846,000	55,778	57,715	32,378	29,370	19.3	20.8	11.2	10.3

<sup>1</sup> Vital Statistics—Special Reports, vol. 5, No. 11, pp. 29 and 30. Bureau of the Census, Department of Commerce, Jan. 25, 1938.

TABLE 1.—Summary of natality and mortality data for each State, 1935 and 1936—Continued

Area	Estimated population July 1		Total births		Total deaths		Rate per 1,000 estimated population			
			1936	1935	1936	1935	1936	1935	1936	1935
	1936	1935	1936	1935	1936	1935	1936	1935	1936	1935
Louisiana.....	2,122,000	2,120,000	43,828	42,270	25,974	23,711	20.7	19.9	12.2	11.2
Maine.....	853,000	845,000	15,302	15,723	11,325	11,024	17.9	18.6	13.3	13.0
Maryland.....	1,674,000	1,669,000	26,588	27,236	21,960	21,182	15.9	16.3	13.1	12.7
Massachusetts.....	4,425,000	4,375,000	61,704	63,001	52,052	50,237	13.9	14.4	11.8	11.5
Michigan.....	4,783,000	4,731,000	88,427	87,446	54,781	51,050	18.5	18.5	11.5	10.8
Minnesota.....	2,035,000	2,027,000	47,576	45,962	28,630	26,247	18.1	17.5	10.9	10.0
Mississippi.....	2,008,000	2,008,000	49,446	48,320	24,128	21,339	24.6	24.1	12.0	10.6
Missouri.....	3,959,000	3,913,000	55,916	57,299	48,767	43,201	14.1	14.6	12.3	11.0
Montana.....	531,000	531,000	10,400	10,029	6,255	6,291	19.6	18.9	11.8	11.8
Nebraska.....	1,364,000	1,364,000	23,798	23,327	13,752	13,181	17.4	17.1	10.1	9.7
Nevada.....	100,000	99,000	1,419	1,423	1,439	1,324	14.2	14.4	14.4	13.4
New Hampshire.....	508,000	502,000	7,679	7,768	6,438	6,532	15.1	15.5	12.7	13.0
New Jersey.....	4,323,000	4,288,000	53,833	54,514	44,959	43,284	12.4	12.7	10.4	10.1
New Mexico.....	422,000	422,000	12,907	13,190	6,248	6,272	30.6	31.3	14.8	14.9
New York.....	12,935,000	12,890,000	182,469	184,344	153,545	148,462	14.1	14.3	11.9	11.5
North Carolina.....	3,457,000	3,417,000	76,182	78,733	35,630	33,485	22.0	23.0	10.3	9.8
North Dakota.....	703,000	700,000	13,571	13,655	5,654	5,860	19.3	19.5	8.0	8.4
Ohio.....	6,713,000	6,707,000	103,703	101,103	80,941	77,356	15.4	15.1	12.1	11.5
Oklahoma.....	2,523,000	2,509,000	41,815	43,691	23,250	21,091	16.5	17.4	9.2	8.4
Oregon.....	1,017,000	1,008,000	13,975	13,179	12,367	11,430	13.7	13.1	12.2	11.3
Pennsylvania.....	10,136,000	10,067,000	159,393	161,106	112,711	108,555	15.7	16.0	11.1	10.8
Rhode Island.....	681,000	681,000	10,186	10,215	8,126	7,838	15.0	15.0	11.9	11.5
South Carolina.....	1,860,000	1,840,000	39,292	40,598	21,426	20,353	21.1	22.1	11.5	11.1
South Dakota.....	692,000	692,000	12,879	12,850	6,157	6,310	18.6	18.6	8.9	9.1
Tennessee.....	2,864,000	2,824,000	50,571	53,314	32,522	30,002	17.7	18.9	11.4	10.6
Texas.....	6,117,000	6,077,000	111,602	114,721	65,803	61,663	18.2	18.9	10.8	10.1
Utah.....	516,000	515,000	12,551	12,665	5,126	5,066	24.3	24.7	9.9	9.8
Vermont.....	380,000	377,000	6,449	6,591	4,957	4,777	17.0	17.5	13.0	12.7
Virginia.....	2,671,000	2,637,000	51,247	51,487	32,202	30,358	19.2	19.5	12.1	11.5
Washington.....	1,643,000	1,633,000	23,376	22,396	19,356	18,203	14.2	13.7	11.8	11.1
West Virginia.....	1,830,000	1,816,000	40,853	41,774	19,908	18,340	22.3	23.0	10.9	10.1
Wisconsin.....	2,908,000	2,908,000	52,613	52,562	33,242	30,694	18.1	18.1	11.4	10.6
Wyoming.....	233,000	232,000	4,753	4,362	2,401	2,284	20.4	18.8	10.3	9.8

TABLE 2.—Summary of natality, general mortality, and infant mortality data for the registration areas, 1921–36

Year	Estimated population of United States	Birth registration area				Death registration area				
		Population		Births		Population	Deaths			
		Number	Percent of total in United States	Number	Per 1,000 population		Number	Per 1,000 population		
1936.....	128,429,000	128,429,000	100.0	2,144,790	16.7	145	128,429,000	100.0	1,479,228	11.5
1935.....	127,521,000	127,521,000	100.0	2,155,105	16.9	155	127,521,000	100.0	1,392,752	10.9
1934.....	126,626,000	126,626,000	100.0	2,167,636	17.1	160	126,626,000	100.0	1,396,903	11.0
1933.....	125,770,000	125,770,000	100.0	2,081,232	16.6	151	125,770,000	100.0	1,342,106	10.7
1932.....	124,974,000	119,027,000	95.2	2,074,042	17.4	157	120,291,000	96.3	1,308,529	10.9
1931.....	124,113,000	117,522,000	94.7	2,112,760	18.0	161	119,479,000	96.3	1,322,587	11.1
1930.....	123,091,000	116,556,000	94.7	2,203,958	18.9	164	118,472,000	96.2	1,343,356	11.3
1929.....	121,526,429	115,097,972	94.7	2,169,920	18.9	167	116,317,515	95.7	1,386,363	11.9
1928.....	119,861,607	113,060,663	94.3	2,233,149	19.8	164	114,258,516	96.3	1,378,675	12.1
1927.....	118,196,785	103,575,656	87.6	2,137,836	20.6	164	102,177,568	91.5	1,236,049	11.4
1926.....	116,531,903	89,682,479	77.0	1,856,068	20.7	173	104,938,301	90.1	1,285,927	12.3
1925.....	114,867,141	87,486,096	76.2	1,878,880	21.5	171	102,951,999	89.6	1,219,019	11.8
1924.....	113,202,319	86,256,025	76.2	1,930,614	22.4	170	100,082,062	88.4	1,173,990	11.7
1923.....	111,537,497	80,694,406	72.3	1,792,646	22.2	171	98,816,104	87.7	1,193,017	12.2
1922.....	109,872,675	79,415,841	72.3	1,774,911	22.3	172	98,866,240	85.4	1,101,863	11.7
1921.....	108,207,833	70,738,177	65.4	1,714,261	24.2	175	89,102,434	82.3	1,032,009	11.6

Table 3<sup>2</sup> presents a complete summary of annual mortality and natality data for the expanding death and birth registration areas covering the entire period since they were created.

The registration area for deaths was established by the Bureau of the Census in 1880, and in that year included only two States—Massachusetts and New Jersey—and certain cities in other States. Since, and including, 1933 the death registration area has comprised the entire continental United States.

Statistics for births in the United States, based on information obtained by the census enumerators for the decennial years, were collected and published for each census from 1850 to 1900; but the first annual report for the registration area for births was for 1915.

The summarized mortality data presented in table 3 are for the expanding death registration area by decennial periods for 1880 to 1900 and by single years for the period 1900 to 1936; the natality data are for the expanding birth registration area, by years, since 1915. The figures include, for each year, the numbers of births and deaths, the rates per 1,000 population, the number of States in each registration area, with the population and percentage of the total population, and the estimated total population of continental United States.

During the 56-year period, a half century which marks epochal developments in public health science and the application of its principles in the preservation of health and the prevention of disease, the gross death rate decreased approximately 50 percent. On the other hand, the birth rate decreased over 33 percent during the 21-year period 1915-36. However, applied public health science has lessened the effect of the declining birth rate with a compensatory saving of infant lives, and in the 15 years from 1921 to 1936 has reduced the mortality rate in children under 1 year of age from 75.6 to 57.1 per 1,000 live births, or more than 24 percent. The infant mortality rate is generally considered an excellent measure of public health work.

<sup>2</sup> Vital Statistics—Special Reports, vol. 5, No. 6, p. 19. Bureau of the Census, Department of Commerce, Jan. 18, 1938.

TABLE 3.—*Summary of annual mortality, natality, and other data covering the periods since the establishment of the registration areas*

Calendar year	Estimated population of continental United States	Death registration area in continental United States				Birth registration area in continental United States					
		Population		Deaths		Population		Births			
		Number	Percent of total	Number	Rate per 1,000 population	Number	Percent of total	Number	Rate per 1,000 population		
1936.....	128,429,000	128,429,000	100.0	1,479,228	11.5	48	128,429,000	100.0	2,144,790	16.7	48
1935.....	127,521,000	127,521,000	100.0	1,392,752	10.9	48	127,521,000	100.0	2,155,105	16.9	48
1934.....	126,626,000	126,626,000	100.0	1,396,903	11.0	48	126,626,000	100.0	2,167,636	17.1	48
1933.....	125,770,000	125,770,000	100.0	1,342,106	10.7	48	125,770,000	100.0	2,081,232	16.5	48
1932.....	124,974,000	124,974,000	96.3	1,308,529	10.9	47	119,027,000	95.2	2,074,042	17.4	47
1931.....	124,113,000	119,479,000	96.3	1,322,587	11.1	47	117,522,000	94.7	2,112,760	18.0	46
1930.....	123,091,000	118,472,000	96.2	1,343,356	11.3	47	116,556,000	94.7	2,203,958	18.9	46
1929.....	121,526,429	116,317,515	95.7	1,386,363	11.9	46	115,097,972	94.7	2,169,920	18.9	46
1928.....	119,861,607	114,258,516	95.3	1,378,675	12.1	44	113,050,663	94.3	2,233,149	19.8	44
1927.....	118,196,785	108,177,508	91.5	1,236,949	11.4	42	103,575,656	87.6	2,137,836	20.6	40
1926.....	116,531,963	104,938,301	90.1	1,285,927	12.3	41	89,682,479	77.0	1,856,068	20.7	35
1925.....	114,867,141	102,951,900	89.6	1,219,019	11.8	40	87,486,096	76.2	1,878,880	21.5	33
1924.....	113,202,319	100,082,062	88.4	1,173,980	11.7	39	86,256,025	76.2	1,930,614	22.4	33
1923.....	111,537,497	97,816,104	87.7	1,193,017	12.2	38	80,694,406	72.3	1,792,646	22.2	30
1922.....	109,872,675	93,866,240	85.4	1,101,863	11.7	37	79,415,841	72.3	1,774,911	22.3	30
1921.....	106,207,853	89,102,434	82.3	1,032,009	11.6	34	70,738,177	65.4	1,714,261	24.2	27
1920.....	106,543,031	87,632,502	82.3	1,142,558	13.0	34	63,740,689	59.8	1,508,874	23.7	23
1919.....	105,003,065	85,166,043	81.1	1,066,436	12.9	33	61,483,423	58.6	1,373,458	22.3	22
1918.....	103,587,955	81,333,675	78.5	1,471,367	18.1	30	55,515,241	53.6	1,363,649	24.6	20
1917.....	102,172,845	74,984,498	73.4	1,068,932	14.3	27	54,771,416	53.6	1,353,792	24.7	20
1916.....	100,757,735	71,349,162	70.8	1,001,921	14.0	26	32,788,670	32.5	818,968	25.0	11
1915.....	99,342,625	67,095,681	67.5	909,155	13.6	25	30,936,179	31.1	776,304	25.1	10
1914.....	97,927,516	65,813,315	67.2	898,050	13.6	25					
1913.....	96,512,407	63,200,625	65.5	860,848	14.1	24					
1912.....	95,097,298	60,359,074	63.5	838,251	13.9	23					
1911.....	93,682,189	59,183,071	63.2	839,284	14.2	23					
1910.....	92,267,080	53,831,742	58.3	805,412	15.0	21					
1909.....	90,691,354	50,870,518	56.1	732,538	14.4	18					
1908.....	89,073,360	46,789,913	52.5	691,574	14.8	17					
1907.....	87,455,366	43,016,900	49.2	687,034	16.0	16					
1906.....	85,837,372	41,983,419	48.0	656,105	15.7	15					
1905.....	84,219,378	34,052,201	40.4	545,533	16.0	10					
1904.....	82,601,384	33,345,163	40.4	551,354	16.5	10					
1903.....	80,983,390	32,701,083	40.4	524,415	16.0	10					
1902.....	79,365,396	32,029,815	40.4	508,640	15.9	10					
1901.....	77,747,402	31,870,952	40.3	518,207	16.5	10					
1900.....	75,994,575	30,765,618	40.5	539,939	17.6	10					
Census Year											
1900.....	75,994,575	28,807,260	37.9	512,600	17.8	9					
1890.....	62,947,714	19,659,440	31.2	386,212	19.6	8					
1880.....	50,155,783	8,538,366	17.0	169,453	19.8	2					

<sup>1</sup> North Carolina is included, although returns were received only from municipalities of 1,000 population or more in 1900; the remainder of the State was added in 1916.

<sup>2</sup> Population for census year ending May 31.

NOTE.—For every year the District of Columbia was in both areas, but is not included in the "number of States"; the death area also included a varying number of registration cities in nonregistration States.

## THE ACCURACY OF CERTIFIED CAUSES OF DEATH

Recommendations of the Committee on the Accuracy of Certified Causes of Death of the American Public Health Association for the revision of the International List of Causes of Death in 1938, for consideration by the Mixed Commission, prepared and offered in response to the invitation of the Government of France.

### COMMITTEE

*Haven Emerson, Chairman*

**Fred L. Adair**

**George Baehr**

**W. J. V. Deacon**

**Thomas J. Duffield**

**Halbert L. Dunn**

**Robert Olesen**

**John O. Spain**

**W. R. Tracey**

**Jessamine S. Whitney**

**William R. Williams**

*George H. Van Buren, Secretary*

This report presents the recommendations of the Committee on the Accuracy of Certified Causes of Death, American Public Health Association, for the fifth decennial revision of the International List of Causes of Death. It has been formally approved by the Section on Vital Statistics of the Association, and will be presented to the International Conference for the Revision of the International List of Causes of Death at its forthcoming meeting in October 1938. It will be submitted for earlier consideration at the meeting of the Mixed Commission<sup>1</sup> in Paris, in the spring of 1938, when the recommendations of the various participating nations will be considered in connection with the preparation of the agenda for the International Conference.

The current report is the fifth made by the Committee. Prior reports have been published in the Public Health Reports and issued subsequently as separates (Reprints 363, 440, 1044, and 1706).

In the present report the Committee presents its recommendations as to the following:

- (a) What titles of the fourth and latest revision (1929) should be continued in the International List?
- (b) What terms should be listed under each title?
- (c) What terms should be transferred from one title to another?
- (d) What new titles should be established and what terms listed under each?

In spite of a considerable number of changes in the sequence and grouping of the titles, as recommended, comparability with previous mortality tabulations has been provided for by the addition of suitable subtitles.

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<sup>1</sup> Composed of members designated by the International Statistical Institute and the Health Section of the League of Nations.

It will be noted that all unscientific, inaccurate, indefinite, and obsolete terms have been omitted from the list of inclusions recommended under each title, although it is probable that such terms will have to be retained in the index which is always printed, for the convenience of registrars, in manuals of cause of death; but even in an index these terms should be indicated by some identifying sign as undesirable and not approved for medical usage. This will make it possible, when such terms are certified by physicians, to compile them uniformly under the titles which are most likely to relate to the conditions reported.

The recommendations of the Committee, if approved by the 1938 International Conference, will bring about a number of changes in the International List of Causes of Death. Among the more important are the following:

- (a) The breaking up of Class I into 8 subclasses, as follows:

Diseases due to *bacteria*;  
Diseases due to *spirochetes*;  
Diseases due to, or believed to be due to *filtrable viruses*;  
Diseases due to *rickettsia*;  
Diseases due to *protozoa*;  
Diseases due to *helminths*;  
Diseases due to *fungi*;  
Other infectious and parasitic diseases.

- (b) The establishment of subtitles in the group relating to cardiac diseases, so that a separate statistical record may be made of cardiac lesions of rheumatic origin.

- (c) The rearrangement of titles relating to nephritis in order to bring this group into closer agreement with modern pathological conceptions of kidney disease.

- (d) A complete rearrangement of the group of titles relating to the puerperal state, designed to meet the needs of the finer analysis of puerperal mortality—a matter of increasing concern, both medically and socially.

**I. INFECTIOUS AND PARASITIC DISEASES (1-51)**

- 1-28: Diseases due to *bacteria*.  
 29-31: Diseases due to *spirochetes*.  
 32-42: Diseases due to, or believed to be due to *filtrable viruses*.  
   43: Diseases due to *ricketsia*.  
 44-46: Diseases due to *protozoa*.  
 47-49: Diseases due to *helminths*.  
   50: Diseases due to *fungi*.  
   51: Other infectious and parasitic diseases.

**DISEASES DUE TO BACTERIA (1-28)****1. Typhoid fever***The approved terms are:*

Enteric fever	Typhus abdominalis
Typhoid fever	

**2. Paratyphoid fevers***The approved terms are:*

Paratyphoid fever (whether or not specified as to type A, B, or C)	
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**3. Undulant fever (brucellosis)***The approved terms are:*

Brucellosis	Mediterranean fever
Febris mellitensis	
Malta fever	Undulant fever

**4. Scarlet fever***The approved terms are:*

Nephritis following scarlet fever	Any disease or condition qualified by the word <i>scarlatinal</i>
Scarlatina	
Scarlet fever	

**5. Whooping cough***The approved terms are:*

Pertussis	Whooping cough
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**6. Diphtheria***The approved terms are:*

Diphtheria (of any specified site) of wound	Post-diphtheritic neuritis
Gangrenous diphtheria	
Post-diphtheritic neuritis	Any disease or condition qualified by the word <i>diphtheritic</i>

**7. Cholera***The approved terms are:*

Asiatic cholera	Epidemic cholera (where Asiatic cholera is prevalent)
Cholera (where Asiatic cholera is prevalent)	

**8. Bacillary dysentery***The approved terms are:*

Bacillary dysentery	Epidemic dysentery
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**9. Plague***The approved subtypes and terms are:*

(a) Bubonic	
Bubonic plague	
(b) Pneumonic	
Plague (pulmonary form)	Pneumonic plague
(c) Septicemic	
Plague (septicemic form)	
(d) Unspecified	
Pest	Plague

### 10. Cerebrospinal fever (meningococcic meningitis)

*The approved terms are:*

Cerebrospinal fever  
Epidemic cerebrospinal meningitis

Meningococcus cerebrospinal meningitis  
meningitis  
septicemia

### 11. Glanders

*The approved terms are:*

Equinia  
Farcy  
Glanders

Infection by bacillus mallei  
Malleus sepsis

### 12. Anthrax (infection by bacillus anthracis)

*The approved terms are:*

Anthrax  
Charbon  
Infection by bacillus anthracis

Malignant pustule  
Woolsorters' disease

### 13. Tetanus

*The approved terms are:*

Lockjaw  
Tetanus

Tetanus neonatorum

### 14. Tuberculosis of the respiratory system

*The approved terms are:*

Acute bronchopneumonic tuberculosis  
Chronic military tuberculosis of lung  
Miliary tuberculosis of lung  
Phthisis  
Pneumonic tuberculosis  
Pulmonary phthisis  
tuberculosis

Tuberculosis (of any specified part of the respiratory tract)  
Tuberculous laryngitis  
phthisis  
pneumonia

### 15. Tuberculosis of the meninges and central nervous system

*The approved terms are:*

Solitary tubercle of brain  
Tuberculosis of meninges  
any specified site of the meninges  
and central nervous system

Tuberculous meningitis

### 16. Tuberculosis of the intestines and peritoneum

*The approved terms are:*

Intestinal tuberculosis  
Tabes mesenterica

Tuberculosis of intestine (any specified site of in  
testinal tract, peritoneum, and retroperitoneal  
lymph nodes)

### 17. Tuberculosis of the vertebral column

*The approved terms are:*

Caries of spine  
vertebra  
Lumbar abscess  
Pott's disease  
Psoas abscess  
Spinal caries

Tuberculosis of spinal column  
vertebra  
Tuberculous abscess of vertebra  
caries of sacrum  
lumbar abscess

### 18. Tuberculosis of the bones and joints (vertebral column excepted)

*The approved subtitles and terms are:*

(a) **Tuberculosis of the bones**

Osseous tuberculosis  
Osteal tuberculosis

Tuberculosis of bone (except vertebral column)  
Tuberculous osteomyelitis

(b) **Tuberculosis of the joints**

Articular tuberculosis  
Tuberculosis of hip  
joint (any joint)

Tuberculous abscess of knee  
arthritis  
disease of hip  
inflammation of knee  
swelling of joint  
synovitis

### 19. Tuberculosis of the skin and subcutaneous cellular tissue

*The approved terms are:*

Scrofulide  
Tuberculide

Tuberculosis of skin

**20. Tuberculosis of the lymphatic system (bronchial, mesenteric, and retroperitoneal lymph nodes excepted)**

*The approved terms are:*

General glandular tuberculosis  
Lymphatic tuberculosis  
Tuberculosis of axilla

Tuberculosis of any group of lymph nodes specified  
(bronchial, mesenteric, and retroperitoneal lymph  
nodes excepted)

**21. Tuberculosis of the genito-urinary system**

*The approved terms are:*

Tuberculosis (of any part of the genito-urinary  
system specified)

**22. Tuberculosis of other organs**

*The approved terms are:*

Tuberculosis (of any organ other than as specified in  
titles 14-21)

**23. Disseminated tuberculosis**

*The approved subtitles and terms are:*

(a) Acute

Acute general miliary tuberculosis  
miliary tuberculosis

General miliary tuberculosis  
Miliary tuberculosis

(b) Chronic

Chronic general miliary tuberculosis

Chronic miliary tuberculosis

(c) Unspecified

Disseminated tuberculosis  
General tuberculosis

General tuberculous infection  
Generalized tuberculosis

**24. Leprosy**

*The approved terms are:*

Anesthetic leprosy

Leprosy (of any specified organ or part of the body)

Leprosy

Nodular leprosy

**25. Gonococcal infection**

*The approved terms are:*

Gonococcal arthritis  
endocarditis  
infection  
ophthalmia  
peritonitis

Gonococcus infection (of any part)  
Gonorrhoea  
Gonorrhreal disease (of any part)  
Ophthalmia (due to gonococcus)  
neonatorum (due to gonococcus)

**26. Erysipelas**

*The approved terms are:*

Erysipelas neonatorum  
of any specified site

Surgical erysipelas

**27. Generalized pyogenic infections**

*The approved terms are:*

Aerogenes capsulatus infection  
Bacteremia  
Gas bacillus infection  
gangrene  
Purulent infection

Septicemia  
Staphylococcmia  
Staphylococcus infection  
Streptococcmia  
Streptococcus infection

**28. Other bacterial diseases**

*The approved subtitles and terms are:*

(a) Streptococcus sore throat

Septic sore throat

Streptococcus sore throat

(b) Tularemia

Tularemia

(c) Other bacterial diseases not elsewhere specified

## DISEASES DUE TO SPIROCHETES (29-31)

## 29. Syphilis

*The approved subtitles and terms are:*

## (a) Congenital syphilis

Congenital lues	Inherited syphilis
syphilis	Lues infantum
Hereditary lues	Syphilis neonatorum

## (b) Syphilitic heart disease, including aortic aneurysm

Aneurysm of aorta	Syphilitic heart disease
Aortic aneurysm (except congenital)	

## (c) Syphilis of central nervous system other than general paralysis and tabes dorsalis

Gumma of brain

## (d) Others under this title

Acquired syphilis	Syphilis (unqualified, or of any organ or part of
Lues	the body)
Secondary syphilis	Syphilitic (any affection)

Tertiary syphilis

For total deaths due to syphilis add also those under general paralysis (90) and tabes dorsalis (87).

## 30. Relapsing fever

*The approved terms are:*

Recurrent fever	Relapsing fever (spirillum) fever
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## 31. Other spirochetal diseases

*The approved terms are:*

Bronchopulmonary spirochetosis	Spirochetal hemorrhagic jaundice
Frambeïla	jaundice
Gangosa	Vincent's angina
Rat bite fever	infection
Sodoku	Yaws

## DISEASES DUE TO, OR BELIEVED DUE TO FILTRABLE VIRUSES (32-42)

## 32. Influenza

*The approved subtitles and terms are:*

## (a) With respiratory complications specified

Bronchial influenza	Influenza pneumonia
Bronchopneumonia due to gripe	Pneumonia due to gripe
Influenza followed by pneumonia	

## (b) Without respiratory complications specified

Gripe (unqualified)	Influenza pneumonia
Influenza (unqualified)	La Grippe

## 33. Yellow fever

*The approved terms are:*

Febris flavæ	Yellow fever
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## 34. Smallpox (variola)

*The approved terms are:*

Hemorrhagic smallpox	Smallpox
Malignant smallpox	Variola

## 35. Chicken pox (varicella)

*The approved terms are:*

Chicken pox	Varicella
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## 36. Measles (rubeola)

*The approved terms are:*

Hemorrhagic measles	Rubeola
Measles	

**37. German measles (rubella)***The approved terms are:*

German measles	Rubella
Roetheln	

**38. Mumps (parotitis)***The approved terms are:*

Epidemic parotitis	Parotitis
Mumps	

**39. Infectious encephalitis***The approved terms are:*

Epidemic encephalitis	Sleeping sickness (lethargic encephalitis)
Lethargic encephalitis	

This title does not include: Trypanosomiasis (46); Postinfectious encephalitis (51); Purulent encephalitis and noninfectious encephalitis (85); Traumatic encephalitis (194).

**40. Acute poliomyelitis and acute polioencephalitis***The approved terms are:*

Acute anterior poliomyelitis	Acute polioencephalitis
ascending anterior poliomyelitis	polioencephalomyelitis
myelitis	poliomyelitis
poliomyelitis	Epidemic poliomyelitis
spinal paralysis	Progressive ascending poliomyelitis
infantile paralysis	

**41. Rabies***The approved terms are:*

Bite of mad dog	Rabies
Hydrophobia	

**42. Other diseases believed to be due to filtrable viruses***The approved terms are:*

Breakbone fever	Pappataci fever
Cowpox	Phlebotomus fever
Dengue	Psittacosis
fever	Sandfly fever
Herpes zoster	Shingles
Infectious warts	Vaccinia
Molluscum contagiosum	Zona

**DISEASES DUE TO "RICKETTSIA" (43)****43. Diseases due to Rickettsia***The approved subtitles and terms are:**(a) Typhus fever*

Exanthematic typhus	Tabardillo (Mexican typhus)
Japanese river fever (Tsutsugamushi fever)	Trench fever
Mexican fever	Typhus fever
typhus (tabardillo)	

*(b) Rocky Mountain spotted fever***DISEASES DUE TO PROTOZOA (44-46)****44. Protozoal dysentery***The approved subtitles and terms are:**(a) Amebic dysentery*

Amebiasis	Amebic enteritis
Amebic abscess of liver	Entamebic dysentery
dysentery	Tropical abscess of liver

*(b) Dysentery due to other protozoa***Balantidic dysentery****45. Malaria***The approved terms are:*

Blackwater fever	Malignant tertian malaria
Estivautumnal fever	Paludism
Malaria	Quartan malaria
Malarial fever	Tertian malaria
hemoglobinuria	

#### 46. Other diseases due to protozoal parasites

*The approved terms are:*

Coccidiosis  
Flagellate diarrhea  
Giardiasis  
Infestation by *Giardia lamblia*

Kala-azar  
Trypanosomiasis (Africana)  
Americana (Chagas')

#### DISEASES DUE TO HELMINTHS (47-49)

##### 47. Ankylostomiasis

*The approved terms are:*

Ankylostomiasis  
Hook-worm anemia  
disease  
Infestation by *Ankylostoma ceylanicum*  
*duodenale*

Infestation by *Necator americanus*  
*Uncinaria americana*  
Necatoriasis  
Uncinariasis

##### 48. Hydatid disease

*The approved subtitles and terms are:*

(a) **Hydatid diseases of the liver**

Echinococcosis (site specified)  
Echinococcus cyst of liver

Hydatid cyst of liver

(b) **Hydatid disease of other organs (specified site)**

Cysticercosis (site specified)

Hydatid (unqualified)  
cyst (site specified)

#### 49. Other diseases due to helminths

*The approved terms are:*

Ascariasis  
Ascaris pneumonia  
Bilharziasis  
Chyluria  
Clonorchiasis  
Distomiasis  
Elephantiasis (filarial)  
Fascioliasis  
Filariasis (of specified site)  
Fluke disease  
Galacturia  
Helminthiasis  
Hematochyluria  
Infestation by *Ascaris lumbricoides*  
     $\text{bothriocephalus latus}$   
     $\text{cestodes}$   
     $\text{cystercus cellulosea}$   
     $\text{dibothriocephalus latus}$   
     $\text{diphyllobothrium latum}$

Infestation by *fasciola hepatica*  
    round worm  
     $\text{strongyloides stercoralis}$   
     $\text{taenia saginata (mediocanellata)}$   
        solium  
    tapeworm  
    termatodes  
     $\text{trichocephalus dispar}$   
     $\text{trichuris trichiura}$   
Lipemias  
Lipuria  
Paragonimiasis  
Piarrhemia  
Schistosomiasis  
Taeniasis  
Trichinosis  
Tropical hematuria

#### DISEASES DUE TO FUNGI (50)

##### 50. Fungi (Mycoses)

*The approved terms are:*

Actinomycosis (of specified site)  
Aspergillosis (of specified site)  
Blastomycosis (of specified site)  
Coccidioidal granuloma  
Discomycosis  
Favus  
Leptothrixosis  
Madura disease  
    foot  
Moniliasis  
Muguet

Mycetoma  
Myotic stomatitis  
Pneumomycosis  
Psoriasis  
Ringworm  
Saccharomyces infection  
Sporotrichosis  
Stomatomycosis  
Streptothrixosis  
Sycosis

##### 51. Other infectious or parasitic diseases (origin uncertain)

*The approved subtitles and terms are:*

(a) **Dysentery (unqualified)**

Hemorrhagic dysentery

(b) **Veneal disease (other than syphilis and gonococcus infection)**

Granuloma inguinale  
Lymphogranuloma venereum

Other venereal diseases

(c) Lymphadenoma (Hodgkin's disease)	
Lymphadenitis	Malignant lymphadenoma
Lymphadenoma of spleen	Multiple lymphadenoma
Lymphadenosis	Pseudoleukemia (Hodgkin's disease)
(d) Other infectious or parasitic diseases of unknown origin	
Epidemic disease (not elsewhere included)	Mycosis fungoides (of specified site)
Epidemic hiccuph	Post-infectious encephalitis
Foot and mouth disease	Rhinoscleroma
Miliary fever (sweating sickness)	Trachoma

## II. CANCERS AND OTHER TUMORS (52-63)

### 52. Cancer of buccal cavity and pharynx

*The approved terms are:*

Cancer of buccal cavity (without further qualification)	Cancer of palate
cheek	pharynx
gum	soft palate
jaw	tongue
lip	tonsil
maxilla (upper or lower)	Epithelioma of lip
mouth	

### 53. Cancer of digestive tract and peritoneum

*The approved subtitles and terms are:*

(a) Cancer of esophagus

Cancer of esophagus

(b) Cancer of stomach

Cancer of cardiac orifice of stomach  
duodenum

(c) Cancer of rectum and anus

Cancer of anus

(d) Cancer of liver and biliary passages

Cancer of bile duct  
gall bladder  
gall duct

(e) Cancer of pancreas

Cancer of pancreas

(f) Cancer of peritoneum

Cancer of mesenteric gland  
mesentery  
omentum  
peritoneum

(g) Cancer of intestines

Cancer of appendix  
cecum  
colon  
ileocecal valve  
ileum

(h) Other cancers of digestive tract

Cancer of abdominal viscera  
Gastrointestinal cancer

### 54. Cancer of respiratory system

*The approved subtitles and terms are:*

(a) Cancer of larynx

Cancer of epiglottis  
glottis

(b) Cancer of lung

Cancer of bronchi  
lung

(c) Cancer of pleura

Cancer of mediastinal gland  
mediastinum

(d) Cancer of nasal cavity

Cancer of nasal cavity

Malignant lymphadenoma
Multiple lymphadenoma
Pseudoleukemia (Hodgkin's disease)

Mycosis fungoides (of specified site)
Post-infectious encephalitis
Rhinoscleroma
Trachoma

Cancer of palate
pharynx
soft palate
tongue
tonsil
Epithelioma of lip

Cancer of pylorus
stomach

Cancer of rectum
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Cancer of liver
Vater's ampulla

Cancer of retrovaginal septum
retroperitoneal gland
retroperitoneal lymph nodes
Retroperitoneal cancer

Cancer of intestinal gland
intestine
jejunum
sigmoid flexure

Cancer of larynx
trachea

Pulmonary cancer
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Cancer of pleura
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Cancer of nasopharynx
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**55. Cancer of genital organs of the female***The approved subtitles and terms are:*(a) **Cancer of uterus**

Cancer of cervix	Deciduoma malignum
uterus	Synecytoma
womb	

(b) **Others under this title**

Cancer of placenta

**56. Cancer of genital organs of the male***The approved subtitles and terms are:*(a) **Cancer of the penis**

Cancer of penis	Cancer of prepuce
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(b) **Cancers of other genital organs of the male**

Cancer of epididymis	Cancer of seminal vessel
prostate	spermatic cord
scrotum	testicle

**57. Cancer of breast***The approved terms are:*

Cancer of breast	Cancer en cuirasse
mammary gland	Paget's disease of nipple
nipple	

**58. Cancer of urinary organs***The approved terms are:*

Cancer of bladder	Embryonal carcinosarcoma of kidney
kidney	Multiple new growth of kidney
ureter	Renal cancer
urethra	Rhabdomyosarcoma of kidney

**59. Cancer of skin***The approved terms are:*

Cancer of (specified site of skin surface)	Rodent ulcer
umbilicus	X-ray cancer

**60. Cancer of the brain and other parts of the nervous system***The approved subtitles and terms are:*

- (a) All glioma unless stated to be nonmalignant
- (b) Others under this title

Cancer of brain	Cancer of meninges
cauda equina	spinal cord
cord (spine)	sympathetic nervous system
membrane of spinal cord	

**61. Cancer of other and unspecified organs***The approved subtitles and terms are:*(a) **Cancer of adrenal**

Cancer of adrenal	Cancer of suprarenal
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(b) **Others under this title**

Cancer of abdomen (without further qualification)	Cancer of parotid gland
accessory sinus	pelvic viscera
antrum	pituitary body
antrum of Highmore	spleen
axilla	submaxillary gland
bone (except maxilla)	thymus gland
cervical node	thyroid gland
chest	Disseminated cancer
wall	General carcinomatosis
choroid	sarcomatosis
eye	Intraabdominal cancer
frontal sinus	Lymphosarcoma (of other or unspecified site)
groin	Malignant lymphoblastoma
maxillary sinus	Miliary carcinosis
middle ear	Multiple cancer
orbit	Sarcoma (of other or unspecified site)

**62. Nonmalignant tumors (nature specified)***The approved subtitles and terms are:***(a) Nonmalignant tumors of the ovary**

Dermoid cyst of ovary  
Fibroid of ovary  
Hematoma of ovary  
New growth of ovary (nonmalignant)

Ovarian tumor  
Papilloma of ovary  
Tumor of ovary (nonmalignant)

**(b) Nonmalignant tumors of the uterus**

Deciduoma  
Fibrocyst of uterus  
Fibroid of body of uterus  
uterus  
tumor (when evidently referring to fibroid  
tumor of uterus)  
Fibroma of uterus

Fibromyoma of uterus  
Multiple fibroids  
Myoma of uterus  
New growth of uterus (nonmalignant)  
Polypus of uterus  
Submucous fibroid (female)  
Tumor of uterus (nonmalignant)

**(c) Nonmalignant tumors of other female genital organs**

Hematoma of broad ligament  
Nonmalignant new growth of uterine ligament  
tumor of broad ligament  
Fallopian tube

Nonmalignant tumor of uterine ligament  
vagina  
vulva

**(d) Nonmalignant tumors of the brain and cerebral meninges**

Basilar tumor (nonmalignant)  
Cerebellar tumor (nonmalignant)  
Cerebral glioma (nonmalignant)  
tumor (nonmalignant)  
Glioma of brain (nonmalignant)  
cerebellum (nonmalignant)  
Intracranial tumor (nonmalignant)  
Meningeal tumor (nonmalignant)

Nonmalignant new growth of brain  
membrane of brain  
Nonmalignant tumor of brain  
corpora quadrigemina  
meninges  
motor tract  
pons Varolii

**(e) Nonmalignant tumors of other organs**

Nonmalignant tumors of other organs, specified as to site and nature

**63. Tumors of which nature is not specified***The approved subtitles and terms are:***(a) Tumors of the ovary (nature unspecified)**

New growth of ovary  
Ovarian tumor

Tumor of ovary

**(b) Tumors of the uterus (nature unspecified)**

New growth of uterus

Tumor of uterus

**(c) Tumors of other female genital organs (nature unspecified)**

New growth of uterine ligament  
Tumor of broad ligament  
Fallopian tube

Tumor of uterine ligament  
vagina  
vulva

**(d) Tumors of the brain (nature unspecified)**

Cerebellar tumor  
Meningeal tumor

New growth of brain  
membrane of brain  
Tumor of brain (site specified)

**(e) Tumors of other organs (nature unspecified)**

Tumors of which the nature is unspecified, but the site is specified (except as included under subdivisions (a), (b), (c), and (d)).

**III. RHEUMATISM, DISEASES OF NUTRITION AND OF THE ENDO-  
CRINE GLANDS, AND OTHER GENERAL DISEASES (64-76)****64. Acute rheumatic fever***The approved subtitles and terms are:***(a) Acute rheumatic pericarditis**

Acute rheumatic pericarditis

Rheumatic pericarditis

**(b) Acute rheumatic endocarditis**

Acute rheumatic endocarditis

Rheumatic endocarditis

**(c) Acute rheumatic myocarditis**

Acute rheumatic myocarditis

Rheumatic myocarditis

**(d) Others under this title**

Acute articular rheumatism  
inflammatory rheumatism  
rheumatic arthritis

Acute rheumatic fever  
Rheumatic fever  
pleurisy

### 65. Rheumatoid arthritis and other forms of chronic rheumatism

*The approved subtitles and terms are:*

(a) **Rheumatoid arthritis**

Arthritis deformans  
Infectious arthritis (cause unknown)  
Primary progressive arthritis

Proliferative arthritis  
Rheumatoid arthritis  
Still's disease

(b) **Other forms of chronic rheumatism**

Atrophic arthritis  
Chronic arthritis  
    articular rheumatism  
    infectious arthritis  
    rheumatism  
Degenerative arthritis

Hypertrophic arthritis  
Infectious spondylitis  
Multiple arthritis  
Osteoarthritis  
Polyarthritis (nonvertebral)  
Spondylitis deformans

### 66. Gout

*The approved terms are:*

Gout of joint  
Gouty iritis

Gouty synovitis  
Podagra

### 67. Diabetes mellitus

*The approved terms are:*

Acidosis (diabetic)  
Diabetes mellitus  
Diabetic (any condition so qualified)

Diabetic coma  
    gangrene  
Hyperglycemia

### 68. Scurvy

*The approved terms are:*

Infantile scurvy  
Scorbutus

Scurvy

### 69. Beriberi

*The approved terms are:*

Beriberi

Kakke

### 70. Pellagra

*The approved terms are:*

Insanity of pellagra

Pellagra

### 71. Rickets

*The approved terms are:*

Rachitis

Rickets

### 72. Diseases of the pituitary body

*The approved terms are:*

Diabetes insipidus  
Dyspituitarism  
Gigantism

Hyperpituitarism  
Hypopituitarism

### 73. Diseases of thyroid and parathyroid glands

*The approved subtitles and terms are:*

(a) **Simple goiter**

Adenoma of thyroid gland  
Adenomatous goiter  
Colloid goiter

Cystic goiter  
Enlargement of thyroid gland  
Nontoxic goiter

(b) **Exophthalmic goiter**

Exophthalmic cachexia  
    goiter  
Hyperthyroidism

Thyrotoxicosis  
Toxic adenoma of thyroid gland  
goiter

(c) **Myxedema and cretinism**

Cretinism  
Cretinoid degeneration  
Endemic cretinism  
    deaf-mutism

Hypothyroidism  
Myxedema of thyroid gland  
Pachydermic cachexia

(d) **Other diseases of the thyroid gland**

Abscess of thyroid gland  
Atrophy of thyroid gland

Suppuration of thyroid gland

## (e) Diseases of the parathyroid gland

Hyperparathyroidism  
Hypoparathyroidism  
Mollities ossium

Osteitis fibrosa cystica  
Osteomalacia  
Parathyroprival tetany

## 74. Diseases of the thymus gland

*The approved terms are:*

Atrophy of thymus gland  
Enlargement of thymus gland  
Hypertrophy of thymus gland  
Inflammation of thymus gland  
Lymphatism

Presistent thymus gland  
Status lymphaticus  
thymicolymphaticus  
thymicus

## 75. Diseases of the adrenal bodies

*The approved subtitles and terms are:*

## (a) Addison's disease

Addison's disease

| Hypoadrenalinism

## (b) Other diseases of the adrenal bodies

## 76. Other general diseases

*The approved terms are:*

Acidosis  
Acrodynia  
Adiposis dolorosa  
Amyloid disease (cause unknown)  
Hemochromatosis

Milk sickness (trembles)  
Ochronosis  
Pentosuria  
Sprue (not thrush)

IV. DISEASES OF THE BLOOD AND BLOOD-FORMING ORGANS  
(77-81)

## 77. Hemorrhagic conditions

*The approved subtitles and terms are:*

## (a) Primary purpas

Thrombocytopenia  
Peliosis rheumatica

| Purpura hemorrhagica  
rheumatica  
Thrombocytopenic purpura

## (b) Hemophilia

Bleeder

| Hemophilia neonatorum

## 78. Anemias

*The approved subtitles and terms are:*

## (a) Hyperchromic anemias

Pernicious anemia

| Progressive anemia

## (b) Hypochromic anemias

Anemias (secondary to acute or chronic blood loss)

| Chlorosis  
Simple anemia

## (c) Other anemias

Aplastic anemia  
Hemolytic anemia

| Sickle cell anemia

## 79. Leukemias

*The approved terms are:*

Aleukemic leukemia  
Leukemia  
Leukocytethmia  
Lymphatic leukemia

| Lymphochloroma  
Lymphoid leukemia  
Myeloid leukemia

## 80. Diseases of the spleen

*The approved terms are:*

Abscess of spleen  
Enlargement of spleen  
Infection of spleen  
Meglosplenia

| Splenic anemia  
Splenomegalias  
Splenomegaly

## 81. Other diseases of the blood and blood-forming organs

*The approved terms are:*

Agranulocytosis  
Granulocytopenia  
Leucopenia

| Malignant neutropenia  
Polycythemia  
Primary granulocytopenia

## V. CHRONIC POISONING (82-84)

### 82. Alcoholism—Acute or chronic

*The approved terms are:*

Acute alcoholism	Aleoholic polyneuritis
ethyliasm	psychosis
Alcohol poisoning (ethyl)	Chronic alcoholism
Alcoholic apoplexy	Delirium tremens
cerebral apoplexy	Dipsomania
congestion	Ethyliasm
neuritis	Mania à potu
paralysis	Serous alcoholic meningitis

### 83. Lead poisoning

*The approved subtitles and terms are:*

(a) **Lead poisoning specified as occupational**

Occupational lead poisoning	Morbus pictorum
cachexia	Painters' colic
colic	Plumbism
encephalitis	Saturnine gout
encephalopathy	nephritis
paralysis	Saturnism
poisoning (chronic or unqualified)	Tetra-ethyl-lead poisoning

(b) **Others or not specified as occupational**

### 84. Chronic poisoning by other organic or mineral substances

*The approved subtitles and terms are:*

(a) **Occupational**

Occupational poisoning by any organic or mineral substance

(b) **Others under this title**

Poisoning by any organic or mineral substance not occupational

## VI. DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS (85-95)

### 85. Purulent and noninfectious encephalitis

*The approved terms are:*

Abscess of brain	Inflammation of brain
cerebellum	Intracranial abscess
pons Varoli	Suppurative encephalitis

This title does not include: Infectious encephalitis (39); Trypanosomiasis (46); Postinfectious encephalitis, such as post-measles encephalitis (36) and post-vaccinal encephalitis (51); traumatic encephalitis (194).

### 86. Meningitis (not cerebrospinal fever)

*The approved subtitles and terms are:*

(a) **Simple meningitis**

Cerebral meningitis	Pneumococcic cerebrospinal meningitis
pachymeningitis	meningitis
Cervical pachymeningitis	Purulent meningitis
Chronic cerebrospinal meningitis	Streptococcic cerebrospinal meningitis
Disseminated meningoencephalomyelitis	Suppurative cerebrospinal meningitis
External pachymeningitis	external pachymeningitis
Hemorrhagic internal pachymeningitis	internal pachymeningitis
pachymeningitis	leptomeningitis
Internal pachymeningitis	meningitis
Pachymeningitis	

(b) **Acute cerebrospinal meningitis (not of meningococcic origin)**

Acute cerebrospinal meningitis (not meningococcic) | Cerebrospinal meningitis (not meningococcic)

This title does not include meningococcic meningitis (10); tuberculous meningitis (15).

### 87. Tabes dorsalis (locomotor ataxia)

*The approved terms are:*

Locomotor ataxis	Tabes dorsalis
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### 88. Other diseases of the medulla and spinal cord

*The approved terms are:*

Acute ascending paralysis	Labioglossopharyngeal paralysis
Amyotrophic lateral sclerosis	Lateral sclerosis
Bulbar paralysis	Myelitis from pressure of spinal cord
Chronic myelitis	Polioencephalitis inferior
Combined sclerosis of spinal cord	Primary lateral sclerosis
Disseminated myelitis	Progressive bulbar sclerosis
Hematomyelia	multiple paralysis
Hematomyelitis	muscular atrophy
Hematorrhachis	spinal amyotrophy
Hemorrhage of spinal cord	paralysis
Hereditary ataxia	Pseudohypertrophic paralysis
sclerosis	Spastic spinal paraparesis
spastic paraparesis	Syringomyelia
spinal ataxia	Transverse myelitis
Labioglossopharyngeal paralysis	

### 89. Intracranial lesions of vascular origins

*The approved subtitles and terms are:*

(a) Cerebral hemorrhage

Apoplectic stroke	Hemorrhage of cerebellum
Apoplexy	cerebrum
of brain	medulla
meninges	meninges
Bulbar apoplexy	pons
hemorrhage	Intracranial hemorrhage (age 1 month and over)
Cerebral apoplexy	Paralytic shock
hemorrhage (age 1 month and over)	stroke
Clot on brain	Pontine hemorrhage
Epidural hemorrhage	Rupture of blood vessel in brain
Hemorrhage of brain (age 1 month and over)	Ventricular hemorrhage

(b) Cerebral embolism and thrombosis

Basilar embolism	Cerebral thrombosis
thrombosis	Sinus thrombosis
Cerebral embolism	Thrombosis of cavernous sinus
infarction	lateral sinus

(c) Softening of the brain

Cerebral softening	Softening of brain
Encephalomalacia	

(d) Hemiplegia and other paralysis, cause unspecified

Congenital hemiplegia	Paraplegia
Hemiplegia	

### 90. General paralysis (dementia paralytica)

*The approved terms are:*

Chronic diffuse meningoencephalitis	Generalized paralysis (insane)
Dementia paralytica	Paralysis of insane
General paralysis (insane or reported from asylum)	Paretic dementia
paresis	Progressive general paralysis
tabetic paralysis	Taboparesis

### 91. Dementia praecox and other psychoses

*The approved subtitles and terms are:*

(a) Dementia praecox

Schizophrenia	Paranoia
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(b) Mental deficiency

Dementia	Terminal dementia
Primary dementia	

(c) Others under this title

Circular insanity	Manic depressive psychosis
Exhaustive psychosis	Toxic psychosis
Infective psychosis	

### 92. Epilepsy

*The approved terms are:*

Epilepsy	Grand mal
Epileptic convulsions	Idiopathic epilepsy
dementia	Status epilepticus
psychosis	

### 93. Other diseases of the nervous system

*The approved subtitles and terms are:*

(a) Neuralgia and neuritis

General neuritis	Peripheral neuritis
Infectious neuritis	Polyneuritis
Multiple neuritis	Tic dououreux
Neuritis (any nerve)	Trigeminal neuralgia

(b) Other diseases of the nervous system

Acquired hydrocephalus	Lobular cerebral sclerosis
Acute hydrocephalus	Lymphocytic chorioencephalitis
Amaurotic family idiocy	Mongolism
Cerebral diplegia of children	Myotonia congenita
Chronic progressive chorea (Huntington's chorea)	Paralysis
Idiopathic cortical seizure	of diaphragm
Infantile cerebral diplegia	phrenic nerve
paralysis	pneumogastric nerve
imbecility (not amaurotic family idiocy)	Paramyoclonus multiplex
spastic paralysis	Polioencephalitis superior
Internal hydrocephalus	

### 94. Diseases of the eye and annexa

*The approved terms are:*

Abscess of cornea	Glaucoma
Cataract (all forms)	Ophthalmia (not gonococcal or specified as in the new-born)

### 95. Diseases of the ear and of the mastoid process

*The approved subtitles and terms are:*

(a) Diseases of the ear

Acute suppurative otitis media	Otitic meningitis
Caries of middle ear	Otitis externa
Chronic suppurative otitis media	media
Labyrinthine suppuration	Purulent otitis media
vertigo	Suppurative otitis media

(b) Diseases of the mastoid process

Abscess of the mastoid process	Empyema of mastoid process
Acute suppurative mastoiditis	Mastoid abscess
Chronic suppurative mastoiditis	
Disease of mastoid cell	Mastoiditis

## VII. DISEASES OF THE CIRCULATORY SYSTEM (96-109)

### 96. Pericarditis

*The approved subtitles and terms are:*

(a) Chronic rheumatic pericarditis

Chronic rheumatic pericarditis	Rheumatic fibrinous pericarditis
Rheumatic adherent pericardium	hydropericardium
adhesive pericarditis	pericarditis with effusion
effusion of pericardium	

(b) Other and unspecified forms of pericarditis

Hemopericardium	Purulent pericarditis
Hydropneumopericardium	Pyopericardium
Mediastinopericarditis	Pyopneumopericardium
Pneumopericarditis	Suppurative pericarditis

### 97. Acute and subacute endocarditis

*The approved subtitles and terms are:*

(a) Bacterial endocarditis (acute, sub-acute and unspecified)

Acute infectious endocarditis	Septic endocarditis
ulcerative endocarditis	Sub-acute bacterial endocarditis
Bacterial endocarditis (specify infecting organism)	Ulcerative endocarditis
Malignant endocarditis	Vegetative endocarditis

(b) Acute endocarditis (unqualified)

Acute endocarditis	Acute valvular endocarditis
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(c) Endocarditis unspecified (under 45 years)

Endocarditis (under 45 years)	Periendocarditis (under 45 years)
Endopericarditis (under 45 years)	

The Committee recommends the retention of this subtitle in the interests of comparability with previous years.

**98. Chronic endocarditis and valvular diseases***The approved subtitles and terms are:***(a) Endocarditis (specified as chronic) and other valvular diseases**

Aortic incompetency	Mitral incompetency
insufficiency	insufficiency
obstruction	obstruction
regurgitation	regurgitation
stenosis	stenosis
valvular disease of heart	valvular disease of heart
Atheroma of valve of heart	Pulmonary stenosis
Chronic endocarditis	valvular disease of heart
mitral endocarditis	Tricuspid incompetency
valvular endocarditis	insufficiency
heart disease	regurgitation
Incompetency of aortic valve	stenosis
mitral valve	valvular disease of heart
tricuspid valve	Valvular disease of heart
Insufficiency of aortic valve	
mitral valve	
tricuspid valve	

**(b) Endocarditis, unspecified (45 years and over)**

Endocarditis (45 years and over)	Periendocarditis (45 years and over)
Endopericarditis (45 years and over)	Vegetative endocarditis (45 years and over)

The Committee recommends the retention of this subtitle in the interest of comparability with previous years.

**(c) Chronic rheumatic valvular disease**

Any chronic endocarditis or valvular disease specified as rheumatic	Chronic rheumatic endocarditis
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**99. Myocarditis and myocardial degeneration (not specified as arteriosclerotic or due to coronary artery disease)***The approved subtitles and terms are:***(a) Acute myocarditis**

Acute interstitial myocarditis	Acute myocarditis
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**(b) Chronic rheumatic myocarditis**

Chronic rheumatic myocarditis
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**(c) Chronic myocarditis and myocardial degeneration**

Chronic interstitial myocarditis	Fatty degeneration of myocardium
myocarditis	Interstitial myocarditis

Fatty degeneration of heart	Myocardial degeneration
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**(d) Myocarditis unspecified (under 45 years)**

Myocarditis (under 45 years)	Myopericarditis (under 45 years)
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**(e) Myocarditis unspecified (45 years and over)**

Inflammation of myocardium (age 45 and over)	Myocardial insufficiency
Myocardial disease	Myocarditis (age 45 and over)

**100. Diseases of coronary arteries and angina pectoris***The approved subtitles and terms are:***(a) Angina pectoris**

Angina of heart	Cardiac angina
pectoris	Stenocardia

**(b) Diseases of the coronary arteries (not specified as arteriosclerotic)**

Coronary occlusion	Rupture of coronary artery of heart
Disease of coronary artery	Thrombosis of coronary artery of heart
Embolism of coronary artery	Thrombotic occlusion of coronary artery
Obstruction of coronary artery of heart	

**(c) Arteriosclerosis of coronary artery**

Aneurysm of coronary artery	Arteriosclerosis of coronary artery
heart	Infarction of myocardium

**101. Other diseases of the heart***The approved subtitles and terms are:***(a) Functional heart disease**

Adams-Stokes disease	Heart-block
Atrial fibrillation	Paroxysmal tachycardia
Brachycardia	Stokes-Adams' disease
Bradycardia	Tachycardia

(b) **Rheumatic heart disease (otherwise unspecified)**

Rheumatic heart disease (unspecified)

(c) **Diseases of heart (specified as arteriosclerotic or as associated with hypertension)**

Disease of heart (specified as arteriosclerotic) | Disease of heart (specified as due to hypertension)

(d) **Other and unspecified diseases of the heart****102. Aneurysm (except of the heart, aorta, or coronary artery)***The approved terms are:*

Aneurysm except of the heart, aorta, or coronary artery (specify site) | Arteriovenous aneurysm

**103. Arteriosclerosis (not coronary)***The approved terms are:*

Arteriocapillary fibrosis

Atheroma

Arteriofibrosis

Atherosclerosis

Arterial sclerosis

Diffuse arteriosclerosis

Arteriosclerosis

Endarteritis deformans

of brain

General arteriosclerosis

**104. Gangrene (not elsewhere provided for)***The approved terms are:*

Ainhum

Noma of vulva

Cancrum oris

Phagedena of penis

Dermatitis gangrenosa

vulva

Dry gangrene

Raynaud's disease

Gangrene

Senile gangrene

Moist gangrene

Symmetrical gangrene

Noma of mouth

Tropical phagedena

**105. Other diseases of the arteries***The approved terms are:*

Aortitis

Fat embolism

Arteritis obliterans

Obliterative arteriolar disease

Embolism of artery (except coronary and pulmonary)

Obstruction of artery by clot

Endarteritis

Thrombosis of artery (except coronary and pul-

obliterans

monary)

iliac artery

**106. Diseases of the veins***The approved subtitles and terms are:*(a) **Varix**

Aneurysmal varix

Varices

Hemorrhoids

Varicocle

Rupture of varicose vein

Varix (of specified site)

(b) **Others under this title**

Air embolism

Phlebitis migrans

Endophlebitis

Pylephlebitis

Periphebitis

Thrombophlebitis

Phlebitis (unspecified or of specified vein or sinus except puerperal)

Thrombosis of vein (except coronary, cerebral, pulmonary or puerperal)

**107. Diseases of the lymphatic system (Lymphangitis, etc.)***The approved terms are:*

Adenitis (of specified site)

Nonfilarial chylocele

Lymphadenitis (of specified site)

chyloous ascites

Lymphangitis (of specified site)

Obliteration of lymphatic vessel

**108. Arterial hypertension***The approved terms are:*

Essential hypertension

Hypertension

High blood pressure

Hypertensive vascular disease

Hyperpiesis

Vascular hypertension

**109. Other diseases of the circulatory system***The approved terms are:*

Epistaxis (unqualified)

| Hemorrhage (unqualified)

## VIII. DISEASES OF THE RESPIRATORY SYSTEM (110-120)

### 110. Diseases of nasal fossae and annexa

*The approved subtitles and terms are:*

(a) Diseases of the nasal fossae

Abscess of nasal fossa

Cerebrospinal rhinorrhoea

Coryza

Nasopharyngeal abscess

Ozena

Rhinitis

(b) Others under this title

Abscess of antrum of Highmore

ethmoidal sinus

frontal sinus

maxillary sinus

sphenoidal sinus

Ethmoiditis

Frontal sinusitis

Maxillary sinusitis

Necrosis of antrum

Sphenoidal sinusitis

Sphenoiditis

Suppuration of sinus (specify site)

Disease of frontal sinus

Empyema of frontal sinus

Ethmoidal sinusitis

### 111. Diseases of the larynx:

*The approved terms are:*

Catarrh of larynx

throat

Catarrhal croup

laryngitis

Congestion of glottis

larynx

Epiglottiditis

Gangrenous laryngitis

Infective laryngitis

Inflammation of larynx

Laryngismus stridulus

Laryngitis

Paralysis of glottis

larynx

Phlegmonous laryngitis

Spasm of glottis

larynx

Spasmodic croup

laryngitis

Stenosis of larynx

Stridulous croup

laryngitis

Ulcerative laryngitis

### 112. Bronchitis

*The approved subtitles and terms are:*

(a) Acute

Acute bronchitis

pulmonary catarrh

purulent bronchitis

Croupous bronchitis

Fibrinous bronchitis

Tracheitis

Tracheobronchitis

(b) Chronic

Bronchial catarrh

Bronchiectasis

Chronic bronchitis

catarrhal bronchitis

Dilation of bronchi

Fetid bronchitis

Peribronchitis

Subacute bronchitis

Ulcerative bronchitis

(c) Unspecified (under 5 years of age)

(d) Unspecified (5 years of age and over)

### 113. Bronchopneumonia (Including Capillary Bronchitis)

*The approved terms are:*

Aspiration pneumonia (query for cause)

Deglutition pneumonia

Capillary bronchitis

Inhalation pneumonia (query for cause)

Bronchopneumonia

Inspiration pneumonia (query for cause)

Bronchopulmonitis

Lobular pneumonia

Catarrhal inflammation of lung

Septic bronchopneumonia (query for cause of sepsis)

### 114. Lobar Pneumonia

*The approved terms are:*

Acute hepatitis of lung

Double pleuropneumonia

inflammation of lung

pneumonia

interstitial pneumonia

Fibrinous pneumonia

pleuropneumonia

Hepatization of lung

Bilateral lobar pneumonia

Lobar pneumonia (specify infecting organism)

pneumonia

Pneumococcus pneumonia (specify type)

Consolidation of lung

Solidification of lung

Croupous pneumonia

Unresolved pneumonia

### 115. Pneumonia, Unspecified

*The approved terms are:*

Pneumonia (query for primary cause)

Septic pneumonia

Septic pleuropneumonia

Suppurative pneumonia

## 116. Pleurisy

*The approved subtitles and terms are:*

(a) **Empyema**

Double empyema  
Empyema  
Purulent pleurisy  
Pyothorax

Seropurulent pleurisy  
Suppurative pleurisy  
Thoracic fistula

(b) **Other and unspecified pleurisy**

Chylous hydrothorax  
Diaphragmatic pleurisy  
Double hydrothorax (query for cause)  
pleuritis  
Exudative pleurisy  
Fibrinous pleurisy  
Fibrous pleurisy  
Hemopneumothorax  
Hydropneumothorax

Hydrothorax (query for cause)  
Plastic pleurisy  
Pleurisy with effusion  
Pleuropericarditis  
Pneumothorax  
Pyopneumothorax  
Serofibrinous pleurisy  
Subacute pleurisy

## 117. Hemorrhagic Infarction, Edema and Chronic Congestion of the Lung<sup>1</sup>

*The approved subtitles and terms are:*

(a) **Hemorrhagic infarction of lung**

Apoplexy of lung  
Embolism of lung  
Infarction of lung  
Pulmonary embolism

Pulmonary infarction  
thrombosis  
Thrombosis of pulmonary artery

(b) **Acute edema of lung**

Edema of lung

Pulmonary edema

(c) **Chronic congestion of lung**

Chronic pulmonary edema  
Congestion of lung  
Hypostatic congestion  
pneumonia

Pulmonary congestion  
stasis

## 118. Asthma

*The approved terms are:*

Asthma  
Asthmatic bronchitis  
Bronchial asthma

Catarrhal asthma  
Spasmodic asthma

## 119. Pulmonary emphysema

*The approved terms are:*

Congenital emphysema  
Emphysema of lung  
Hypertrrophic emphysema  
Interlobular emphysema

Pulmonary emphysema  
Senile emphysema  
Vesicular emphysema

## 120. Other diseases of the respiratory system (tuberculosis excepted)

*The approved subtitles and terms are:*

(a) **Occupational diseases of the respiratory system**

Asbestosis  
Chronic interstitial pneumonia (specified as occupational)

Silicosis

(b) **Others (including gangrene of the lung)**

Abscess of lung (specify cause)  
mediastinum  
Acute mediastinitis  
Chronic interstitial pneumonia (not specified as occupational)  
mediastinitis  
pneumonia  
Gangrene of lung

Hernia of lung  
Pulmonary abscess (specify cause)  
Stenosis of bronchi  
trachea  
Tracheostenosis  
Ulcer of bronchi  
trachea

<sup>1</sup> All terms under this title should be queried for primary cause.

**IX. DISEASES OF THE DIGESTIVE SYSTEM (121-134)****121. Diseases of buccal cavity and annexa, and of the pharynx and tonsils  
(including adenoid vegetations)***The approved subtitles and terms are:***(a) Diseases of the pharynx and tonsils**

Abscess of pharynx	Peritonsillar abscess
tonsil	Postpharyngeal abscess
Acute pharyngitis (specify organism when known)	Quinsy
tonsilitis (specify organism when known)	Retropharyngeal abscess
Cellulitis of pharynx	Stricture of pharynx (state cause of stricture and manner of death)
Chronic pharyngitis (specify organism when known)	Suppurative tonsilitis
Follicular amygdalitis	Tonsillopharyngeal abscess
tonsilitis	
Parenchymatous tonsilitis	

**(b) Others under this title**

Adenoid growth	Ludwig's angina
vegetations	disease
of nasal fossa	
Adenoids	Pyorrhea alveolaris
Glossitis	Stomatitis
Leukoplakia	Ulorrhagia

**122. Diseases of the esophagus***The approved terms are:*

Abscess of esophagus	Stricture of esophagus
Obstruction of esophagus	
Stenosis of esophagus	Ulcer of esophagus

**123. Ulcer of the stomach or duodenum***The approved subtitles and terms are:***(a) Ulcer of the stomach**

Gastric ulcer	Perforation of stomach (non-traumatic, as from ulcer)
Gastroduodenal ulcer	Round ulcer of stomach
Gastroesophageal ulcer	Ulcer of pylorus
Peptic ulcer	stomach
Perforating gastric ulcer	Ulcus rotundum
ulcer of stomach	ventriculi

**(b) Ulcer of the duodenum**

Duodenal ulcer	Ulcer of duodenum
Perforating ulcer of duodenum	

**124. Other diseases of the stomach***The approved terms are:*

Abscess of stomach	Pylorospasm (for children under 1 year of age)
Cardiospasm (for children under 1 year of age)	Rupture of stomach (nontraumatic)
Gangrene of stomach	Stenosis of pylorus of stomach (age 6 months and over)
Hematemesis (1 month and over)	Stricture of cardia of stomach (nonmalignant)
Hemorrhagic gastritis	pylorus (nonmalignant) (6 months and over)
Hypertrophic stenosis of pylorus	stomach (nonmalignant)
Laceration of stomach (not external violence)	
Obstruction of pylorus (6 months and over)	
Phlegmonous gastritis	

**125. Diarrhea and enteritis****(a) Under 2 years of age***See subtitle (b) for approved terms***(b) Two years and over***The approved terms are:*

Catarrhal colitis (acute or chronic)	Membranous colitis
diarrhea (acute or chronic)	enteritis
enteritis (acute or chronic)	enterocolitis
gastroenteritis (acute or chronic)	ileocolitis
gastroenteritis (acute or chronic)	
ileocolitis (acute or chronic)	
Colitis	
Croupous colitis	
enteritis	
Diarrhea (specify cause)	
Enteritis	
Enterocolitis	
Gastroenteritis	
Gastrointestinal ulceration	
Hemorrhagic colitis	
enteritis	
gastroenteritis	
Ileocolitis	
Infantile diarrhea	
enteritis	

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**126. Appendicitis***The approved terms are:*

Abscess of appendix	Perityphilitic abscess
iliac fossa	Perityphilitis
vermiform appendix	Postcecal abscess
Appendicitis	Recurrent appendicitis
Appendicular abscess	Ruptured appendix
Foreign body in appendix	Sloughing appendix
Fulminating appendicitis	Suppurative appendicitis
Gangrenous appendicitis	Typhlitis
Perforative appendicitis	Typhlocliditis
Pericecal abscess	

**127. Hernia, intestinal obstruction***The approved subtitles and terms are:*(a) **Hernia**

Gangrenous hernia (with site specified)	Incarcerated hernia (with site specified)
Herniotomy	Strangulated hernia (with site specified)

(b) **Intestinal obstruction**

Coprolith	Intussusception
Fecal impaction	Strangulation of bowel
Illeus	Telescoped bowel
Impaction of feces	Twist of bowel
Intestinal obstruction (site and cause to be specified)	Volvulus

**128. Other diseases of the intestines***The approved terms are:*

Abscess of Meckel's diverticulum	Periproctitis
Diverticulitis	Perirectal abscess
Diverticulosis	cellulitis
Enteric paralysis	Procidentia recti
Gangrene of the rectum	Rupture of duodenum
Ischiorectal abscess	rectum
Paralysis of colon	Stricture of anus
intestine	rectum
Perforation of bowel	
intestine	

**129. Cirrhosis of the liver***The approved subtitles and terms are:*(a) **Specified as alcoholic**

Alcoholic cirrhosis	Alcoholic liver
of liver	Laennec's cirrhosis

(b) **Not specified as alcoholic**

Atrophic cirrhosis of liver	Fatty degeneration of liver
Biliary cirrhosis	liver
Chronic hypertrophic hepatitis	Hepatic cirrhosis
Cirrhosis of liver	Hypertrophic cirrhosis
Congenital cirrhosis (age 3 months and over)	of liver
of liver (age 3 months and over)	
hepatitis (age 3 months and over)	

**130. Other diseases of the liver (including acute yellow atrophy of liver)***The approved subtitles and terms are:*(a) **Acute yellow atrophy of liver**

Acute atrophy of liver	Malignant hepatitis (age 3 months and over)
parenchymatous hepatitis	icterus (age 3 months and over)
yellow atrophy of liver	jaundice (age 3 months and over)

Icterus gravis

Pernicious icterus	
Subacute yellow atrophy of liver	

(b) **Others under this title**

Abcess of liver	Hematogenous icterus (age 3 months and over)
Diffuse suppurative hepatitis	jaundice (age 3 months and over)

Perihepatitis	
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**131. Biliary calculus***The approved terms are:*

Biliary calculus	Colic from gallstones
cole	Common duct stone
lithiasis	Impacted gallstones

Cholelithiasis

### 132. Other diseases of the gall bladder and biliary passages

*The approved terms are:*

Abscess of gall bladder  
 Acute catarrhal jaundice (age 3 months and over)  
 Angiocholecystitis  
 Angiocolitis  
 Biliary fistula  
 Catarrh of bile duct  
 Catarrhal cholangitis  
     icterus (age 3 months and over)  
     jaundice (age 3 months and over)  
 Cholangitis  
 Cholecystitis  
 Choledochitis  
 Chronic catarrhal jaundice  
 Empyema of gall bladder  
 Gangrene of gall bladder  
     gall duct

Infectious cholecystitis  
 Necrosis of gall bladder  
 Perforation of bile duct  
     gall bladder  
     gall duct  
 Rupture of bile duct  
     gall bladder  
     gall duct  
 Stenosis of bile duct  
     gall duct  
 Stricture of common duct  
     gall bladder  
     gall duct  
 Suppuration of gall bladder  
 Suppurative cholangitis  
     cholecystitis  
     choledochitis

### 133. Diseases of the pancreas

*The approved terms are:*

Abscess of pancreas  
 Acute gangrenous pancreatitis  
     hemorrhagic pancreatitis  
     pancreatitis  
     suppurative pancreatitis  
 Calculus of pancreatic duct

Chronic interstitial pancreatitis  
 suppurative pancreatitis  
 Cyst of pancreas (due to obstruction)  
 Necrosis of pancreas (due to infection)  
 Pancreatic fat necrosis

### 134. Peritonitis (cause not specified)

*The approved terms are:*

Acute fibrinopurulent peritonitis  
     fibrinous peritonitis  
     general peritonitis  
     hemorrhagic peritonitis

Acute serofibrinous peritonitis  
     suppurative peritonitis  
 General purulent peritonitis  
 Subdiaphragmatic abscess  
 Subphrenic abscess

## X. NONVENEREAL DISEASES OF THE GENITO-URINARY SYSTEM AND ANNEXA (135-144)

### 135. Acute, subacute, and chronic glomerulonephritis (including nephritis unspecified under 10 years)

*The approved subtitles and terms are:*

#### (a) Acute and subacute glomerulonephritis

Acute albuminous nephritis  
     Bright's disease  
     diffuse nephritis  
     exudative nephritis  
     glomerulonephritis

Acute hemorrhagic nephritis  
     nephritis  
     parenchymatous nephritis  
     tubular nephritis (not due to specified poison)  
 Subacute nephritis  
     glomerulonephritis

#### (b) Chronic glomerulonephritis

Chronic Bright's disease  
     diffuse nephritis  
     exudative nephritis

Chronic glomerulonephritis  
     parenchymatous nephritis  
     tubular nephritis  
     Secondary contracted kidney

#### (c) Nephritis (unqualified; under 10 years of age)

Nephritis (under 10 years)

### 136. Primary hypertensive nephritis (primary vascular renal disease)

*The approved subtitles and terms are:*

#### (a) Cardiorenal sclerosis

Arteriolar nephrosclerosis  
 Cardiorenal sclerosis

Primary contracted kidney

#### (b) Others under this title

Chronic interstitial nephritis

| Chronic nephritis

### 137. Nephritis, not specified (10 years and over)

*The approved terms are:*

Bright's disease (10 years and over)  
 Diffuse interstitial nephritis  
 Granular kidney

Hypertrophic interstitial nephritis  
 Nephritis (10 years and over)

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**138. Other diseases of the kidneys and annexa***The approved subtitles and terms are:***(a) Pyelitis (not associated with pregnancy or the puerperium)**

Pyelitis	Pyonephrosis
Pyelonephritis	Suppurative pyelitis

**(b) Others under this title**

Abscess of kidney	Perinephritic abscess
Floating kidney	Perirenal abscess
Hydronephrosis	Purulent nephritis
Infarct of kidney	Pyonephritis
Nephritic abscess	Renal abscess
Nephrosis (not a complication of nephritis)	Septic nephritis
Perinephric abscess	Suppurative nephritis

**139. Calculus of the urinary passages***The approved terms are:*

Calculus pyelitis	Lithotrity
pyelonephritis	Nephrolithiasis
pyonephrosis	Pyonephrosis from calculus
Calculus of bladder	Renal calculus
kidney	colic
pelvis of kidney	Stone in bladder
ureter	kidney
urethra	Ureterolithotomy
Impacted calculus of kidney	Urinary calculus
ureter	lithiasis
urethra	Vesical calculus

**140. Diseases of the urinary bladder***The approved subtitles and terms are:***(a) Cystitis**

Abscess of bladder	Pyocystitis
Gangrene of bladder	Suppurative cystitis
Gangrenous cystitis	Vesical abscess
Purulent cystitis	

**(b) Others under this title**

Fistula of bladder (nontraumatic; specify abnormal opening)	Rupture of bladder (not external violence)
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**141. Diseases of the urethra, urinary abscess, etc. (tumors and calculus excepted)***The approved subtitles and terms are:***(a) Stricture of the urethra**

Stricture of the urethra	
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**(b) Others under this title**

Laceration of urethra (not external violence)	Rupture of urethra (not external violence)
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**142. Diseases of the prostate***The approved terms are:*

Abscess of prostate	Inflammation of prostate
Calculus of prostate	Prostatitis
Enlargement of prostate	Prostatoctisis
Hypertrophy of prostate	

**143. Diseases of the male genital organs, not specified as venereal***The approved terms are:*

Circumcision (for disease)	Orchitis
Epididymitis	Phimosis (not congenital)
Hydrocele of spermatic cord	Spermatocele
tunica vaginalis	

**144. Diseases of the female genital organs not specified as venereal or puerperal***The approved subtitles and terms are:***(a) Cyst of the ovary**

Cyst of ovary	Ovarian cyst
Cystic oophoritis	Parovarian cyst
ovaritis	
ovary	

## (b) Other diseases of the ovary and diseases of the Fallopian tube and parametrium

Abscess of broad ligament	Phlegmon of broad ligament (nonpuerperal or unqualified)
Fallopian tube	
ovary	
Diffuse pelvic cellulitis (female)	Pyo-oophoritis
Hematosalpinx	Pyosalpinx
Oophoritis	Retrouterine abscess
Ovaritis	Rupture of Fallopian tube
Pelvic abscess (female)	Salpingitis, acute (specify organism when known)
cellulitis (female)	chronic (specify organism when known)
Periuterine abscess	Suprapelvic abscess

## (c) Diseases of the uterus

Endometritis	Pyometra
Hemorrhage of uterus	Retroversion of uterus
Hemorrhagic metritis	Septic endometritis
Inflammation of uterus	metritis
Intrauterine hemorrhage	phlebitis
Procidentia of uterus	Suppurative metritis
Prolapse of uterus	Uterine hemorrhage
Purulent endometritis	

## (d) Nonpuerperal diseases of the breast (cancer excepted)

Mastitis	Suppuration of breast mammary gland
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## (e) Other diseases of the female genital organs

Abscess of Bartholin's gland	Cellulitis of vulva
Abscess of labium majus	Ulceration of labium majus

**XI. DISEASES OF PREGNANCY, CHILDBIRTH, AND THE PUERPERAL STATE (145-151)****145. Abortion and premature delivery with septic condition specified***The approved subtitles and terms are:*

## (a) Abortion (with septic condition specified) under 28 weeks gestation, or unspecified

Peritonitis following abortion	Pyemia following abortion
Postabortive sepsis	Septicemia following abortion

## (b) Abortion (with septic condition specified) with pyelitis, under 28 weeks gestation, or unspecified

Pyelitis following abortion	Pyelonephritis following abortion
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## (c) Premature delivery (with septic condition, specified) 28 weeks gestation and over, or unspecified

Peritonitis following premature delivery	Pyemia following premature delivery
Sepsis following premature delivery	Septicemia following premature delivery

## (d) Premature delivery (with septic condition specified) with pyelitis, 28 weeks gestation and over, or unspecified

Pyelitis following abortion	Pyelonephritis following abortion
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**146. Abortion and premature delivery, without mention of septic condition (to include hemorrhage, trauma and shock)***The approved subtitles and terms are:*

## (a) Abortion without mention of septic condition under 28 weeks gestation, or unspecified

Abortion (under 28 weeks gestation)	Miscarriage
Accidental abortion	Therapeutic abortion
Induced abortion	

## (b) Abortion without mention of septic condition (hemorrhage, trauma or shock specified) under 28 weeks gestation, or unspecified

Accidental hemorrhage	Hemorrhage of pregnancy
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## (c) Premature delivery without mention of septic condition, 28 weeks gestation and over, or unspecified

Induced premature delivery	Premature labor
Premature delivery	birth

## (d) Premature delivery without mention of septic condition, (hemorrhage, trauma or shock specified) 28 weeks gestation and over, or unspecified

Accidental hemorrhage of pregnancy	Hemorrhage of pregnancy
Antepartum hemorrhage	

**147. Ectopic gestation***The approved subtitles and terms are:*

## (a) Ectopic gestation with septic condition

Abdominal pregnancy, septic	Infected tubal pregnancy
Ectopic gestation, septic	Tubal pregnancy, septic
Extrauterine pregnancy, septic	

(b) **Ectopic gestation with mention of hemorrhage, but without mention of septic condition**

Abdominal pregnancy, with hemorrhage	Extruterine pregnancy, with hemorrhage
Ectopic gestation, with hemorrhage	Tubal pregnancy, with hemorrhage

(c) **Ectopic gestation without mention of septic condition or hemorrhage**

Abdominal pregnancy	Extrauterine gestation
Ectopic gestation pregnancy	pregnancy

**148. Antepartum, Intrapartum, and postpartum hemorrhage, trauma and shock***The approved subtitles and terms are:*(a) **Antepartum and intrapartum hemorrhage**

Accidental hemorrhage of parturition	Malposition of placenta
Hemorrhage during parturition from uterus during parturition	Placenta praevia Premature separation of placentas

(b) **Postpartum hemorrhage (including third state of labor)**

Accidental hemorrhage of the puerperium	Retained membranes
Adherent placenta	placenta
Hemorrhage after labor detachment of placenta from uterus after parturition	secundines

(c) **Hemorrhage of pregnancy not specified as antepartum, intrapartum or postpartum**

Puerperal hemorrhage

(d) **Trauma and shock without mention of hemorrhage (antepartum, intrapartum or postpartum)**

Inversion of uterus	Obstetric shock
Laceration of cervix	Perforation of part specified
pelvic floor	Rupture of bladder (parturition)
perineum	uterus
peritoneum	tissue or part specified (parturition)
urinary bladder	
uterus	
vagina	
vulva	

**149. Puerperal infection (not specified as due to abortion or premature delivery)***The approved subtitles and terms are:*(a) **General and local puerperal infection**

Postpartum pyemia	Puerperal periorchitis
sepsis	purulent endometritis
septicemia	pyelitis
Puerperal erysipelas	pyelonephritis
fever	pyemia
inflammation of uterus	salpingitis
lymphangitis	sapsremia
metritis	sepsis
metroperitonitis	septic endometritis
metrossalpingitis	fever
pelvic cellulitis	infection
peritonitis	metritis
peritoneal infection	peritonitis
peritonitis	septicemia
	suppurative metritis

(b) **Puerperal thrombophlebitis**

Milk leg	Pulmonary embolism (during puerperium)
Puerperal embolism of lung	Sudden death during puerperium (cause unknown)
embolus	from embolus (during puerperium)
thrombophlebitis	

Phlegmasia alba dolens

(c) **Puerperal tetanus**

Puerperal tetanus

**150. Toxemias of pregnancy***The approved subtitles and terms are:*(a) **Eclampsia**

Eclampsia gravidarum	Postpartum eclampsia
of labor	Puerperal convulsions
pregnancy	eclampsia

**(b) Vascular-renal toxemia**

Acute nephritis (pregnancy)  
Nephritic toxemia  
Pre-eclamptic toxemia  
Postpuerperal nephritis

Puerperal albuminuria  
nephritis  
uremia  
Toxemia of pregnancy  
Uremia of pregnancy

**(c) Others**

Emesis gravidarum  
Hyperemesis gravidarum  
of pregnancy  
Persistent vomiting (pregnancy)

Puerperal vomiting  
Uncontrollable vomiting of pregnancy  
Vomiting of pregnancy

**151. Other and unspecified conditions of the puerperal state***The approved subtitles and terms are:***(a) Infection of breast**

Abscess of breast following parturition  
Mastitis

Puerperal abscess of breast  
mammary abscess

**(b) Psychoses of puerperium**

Puerperal insanity

Puerperal melancholia

**(c) Other and unspecified conditions of the puerperal state (all to be queried for disease or condition causing death)**

Atony of uterus during parturition  
Breech presentation  
Caesarian operation  
Delayed delivery  
Difficult labor  
Dystocia  
Faulty presentation (mother)  
Foot presentation

Inertia of uterus  
Instrumental delivery  
Multiple birth  
Prolonged labor  
Protracted labor  
Subinvolution of uterus  
Transverse presentation  
Version

**XII. DISEASES OF THE SKIN AND CELLULAR TISSUES (152-154)****152. Carbuncle, furuncle***The approved terms are:*

Carbuncle  
Furuncle

Furunculosis  
Multiple carbuncle

**153. Cellulitis, acute abscess***The approved terms are:*

Abscess (unqualified)

Cellulitis (see Abscess)

Inasmuch as an abscess at any specified location may be insufficient to cause death by itself, supplementary data as to the site and nature of the original infection should be supplied. Hence, a list of approved terms to be included under this title is omitted, as there is no limit to the number of places in which abscesses may occur. Abscess of site specified is usually classified under the particular organ or anatomical region involved.

**154. Other diseases of the skin and annexa, and of the cellular tissue***The approved terms are:*

Bed-sore  
Decubitus  
Dermatitis venenata

Elephantiasis (nonfilarial)  
Malignant pemphigus  
Scleroderma

Inasmuch as any one of the great number of skin diseases may lead to death through the development of secondary sepsis, it has seemed inadvisable to extend further the list of inclusions under this title, since it would be necessary to include a very large number of dermatological terms to make the list complete.

**XIII. DISEASES OF THE BONES AND ORGANS OF LOCOMOTION (155-157)****155. Osteomyelitis and periostitis***The approved subtitles and terms are:***(a) Acute osteomyelitis and periostitis**

Acute infective osteomyelitis  
osteoperiostitis  
periostitis

Acute osteomyelitis  
suppurative osteomyelitis

**(b) Chronic osteomyelitis and periostitis**

Caries of bone  
Circumscribed periostitis  
Chronic osteomyelitis  
periostitis  
Diffuse periostitis  
Gangrene of bone

Necrosis of bone  
Osteoperiostitis  
Periosteal abscess  
Periostitis  
Suppurative periostitis

### 156. Other diseases of the bones (tuberculosis excepted)

*The approved terms are:*

Fragilitas ossium  
Osteitis deformans

Pulmonary osteoarthropathy  
Spontaneous fracture of bone

A footnote should follow this title explaining that it does not include rheumatism and tuberculosis; also that where diseases of the bone affect structures connected with the special senses—nasal fossae, ear, orbit—they are to be referred to the appropriate title headings covering diseases of these organs of special sense.

### 157. Diseases of the joints and other organs of locomotion

*The approved subtitles and terms are:*

(a) Diseases of the joints (tuberculosis and rheumatism excepted)

Abscess of joint (specify joint)  
Arthropathy  
Infective synovitis  
Inflammation of joint (specify joint)

Purulent arthritis  
Synovitis  
Septic arthritis  
Suppurative synovitis

(b) Diseases of other organs of locomotion

Abscess of bursa  
muscle  
tendon  
Amyotonia  
Bursitis (specify site)  
Infective myositis (specify site)  
Inflammation of bursa (specify site)  
fascia (specify site)  
muscle (specify site)  
sheath of tendon (specify site)  
Myasthenia gravis

Myositis  
fibrosa  
ossificans  
Polymyositis  
Progressive muscular dystrophy  
ossifying myositis  
Spasmodic torticollis  
Tenontosynovitis  
Tenosynovitis  
Thecal abscess  
Torticollis

## XIV. CONGENITAL MALFORMATIONS (158)

### 158. Congenital malformations

*The approved subtitles and terms are:*

(a) Congenital hydrocephalus

Chronic hydrocephalus  
Congenital cerebral tumor  
hydrocephalus

Congenital tumor of brain  
Hydrocephalus of brain  
Megalcephaly

(b) Spina bifida and meningocele

Congenital spina bifida  
Meningocele  
Meningomyelocele  
Spina bifida

Spinal hernia  
meningocele  
Syringomyelocele

(c) Congenital malformations of the heart

Atelocardia  
Congenital disease of heart  
malformation of heart  
valvular heart disease  
Cyanosis (due to malformation of heart)  
(persistence of foramen ovale)

Cyanosis from nonclosure of foramen of Botallo  
Imperfect closure of foramen ovale  
Morbus caeruleus  
Nonclosure of foramen of Botallo  
Patent ductus arteriosus  
foramen of Botallo

(d) Congenital pyloric stenosis

Congenital pyloric stenosis  
(e) Cystic disease of the kidney

Stenosis of pylorus (under 6 months)

Congenital cystic disease of the kidney

Polycystic kidney (congenital)

(f) Imperforate anus

Imperforate anus

Imperforate rectum

(g) Cleft palate—Harelip

Cleft palate

Harelip

Fissure of lip (harelip)

(h) Other specified congenital malformations

Branchial cyst  
Cerebral meningocele  
Congenital amputation  
atresia (of any part of body)  
cerebral hernia  
fracture  
hernia (specify site)  
imperforate urethra  
intestinal obstruction  
laryngeal obstruction  
stenosis of intestine  
larynx  
tumor (specify site)

Extroversion of bladder  
Hemicephalus  
Hirschsprung's disease  
Hydrencephalocele  
Hydromyelia  
Hydrorrhachia  
Imperforate pharynx  
Malformation (specify part of body)  
Megacolon  
Meningoencephalocele  
Microcephaly  
Monster  
Omphalocele  
Podencephalus

Exstrophy of bladder

(i) Congenital malformation, unspecified (should be queried)

## XV. DISEASES OF EARLY INFANCY (159-162)

## 159. Congenital Debility

*The approved terms are:*

Artificial feeding (under 1 year)  
 Hydramnios (death of child)  
 Malassimilation (under 1 year)

Marasmus (under 1 year)  
 Puerperal eclampsia (death of child)  
 toxemia (death of child)

## 160. Premature birth

*The approved terms are:*

Immaturity  
 Incomplete gestation  
 Miscarriage

Multiple birth  
 Premature birth  
 Prematurity

## 161. Injury at birth

*The approved subtitles and terms are:*

## (a) With mention of Caesarian operation

Caesarian operation

## (b) Without mention of Caesarian operation

Breech presentation  
 Cephalic hemorrhage (at birth)  
 Cerebral compression (injury at birth)  
     pressure (injury at birth)  
 Compression during birth (injury at birth)  
     of brain (injury at birth)  
     umbilical cord  
 Delayed confinement  
     delivery  
 Difficult labor  
 Dystocia  
 Foot presentation  
 Forced delivery  
 Forceps operation  
 Injury at birth  
     delivery

Instrumental delivery  
 Intracranial trauma  
 Malpresentation  
 Placenta praevia  
 Prolapse of funis  
     umbilical cord  
 Prolonged labor  
 Protracted dry labor  
     labor  
 Rupture of brain (incident to birth)  
 Ruptured viscus  
 Strangulation of umbilical cord  
 Transverse presentation  
 Vectis (use of)  
 Version

## (c) Cerebral hemorrhage (age under 1 month)

Cephalhematoma  
 Cerebral hemorrhage

Hematoma  
 Intracranial hemorrhage

## 162. Other specified and unspecified diseases peculiar to early infancy

*The approved subtitles and terms are:*

## (a) Asphyxia

Antenatal asphyxia  
 Asphyxia neonatal  
 Atelectasis  
 Inspiration of vaginal mucus

Natal asphyxia  
 Post-natal asphyxia  
 Strangulation by mucus

## (b) Maternal toxemia

Maternal diabetes  
     hyperinsulinemia

Maternal nephritis  
     toxemia

## (c) Infections

Cellulitis of umbilicus  
 Infected navel  
     umbilicus  
 Infectious omphalitis  
 Omphalitis  
 Pemphigus  
     of infant  
     neonatorum

Phlebitis of umbilicus  
 Septic infection of umbilicus  
 Septicemia of umbilicus  
     from navel  
 Sepsis neonatorum

## (d) Other specified diseases peculiar to early infancy

Gangrene of umbilical cord  
 Hemorrhage of funis  
     navel  
     newborn  
     umbilical cord  
     umbilicus  
 Icterus of the newborn  
 Acute catarrhal hepatitis  
     jaundice  
 Congenital cirrhosis of liver  
     icterus

Hematogenous icterus  
     jaundice  
 Congenital sclerema  
 Melena neonatorum  
 Pulmonary hemorrhage  
 Hemorrhagic icterus  
     jaundice  
 Hepatitis of newborn  
 Icterus neonatorum  
 Jaundice of newborn  
 Sclerema  
     neonatorum

## (e) Unspecified diseases peculiar to early infancy

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## XVI. OLD AGE (163)

**163. Senility***The approved subtitles and terms are:*(a) **Senility accompanied by dementia or other forms of mental alienation (70 years and over)**

Dementia of old age	Senile paresis
Senile dementia	psychosis
insanity	melancholia

(b) **Senility, other of this class**

Morbus senilis	Senility
Old age	

The Committee recommends that all reports of deaths under 70 years of age which would be classified under this title heading be queried for the disease causing death. These reports are too often used on death certificates of elderly persons, whose deaths should have been reported as due to diseases of various organs.

Deaths from senility accompanied by dementia, in persons under 70 years of age, should be classified under title No. 200c.

The Committee declares its reason for recommending that these subtitles be established to be as follows: It believes that many of the deaths reported from hospitals for the insane as due to senile dementia, senile insanity, etc., are more properly chargeable to title 91 (dementia praecox and other psychoses) than they are to senility. These, however, are so numerous that the transfer of all such cases to title 91 would make a very great difference in the number of deaths classified under both titles 91 and 163, and a corresponding difference in the published death rates. The subdivisions, as now recommended, will enable anyone who so desires to ascertain the number of deaths reported from senility accompanied by mental alienation.

## XVII. DEATHS FROM VIOLENCE (164-199)

**164. Suicide by solid or liquid poisons or by absorption of corrosive substances***The approved terms are:*

Poisoning (suicidal)	Suicide by poison (any solid or liquid)
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**165. Suicide by poisonous gas***The approved terms are:*

Suicide by asphyxia (any gas or vapor)	Suicide by illuminating gas
carbon monoxide	inhalation of gas (any gas or vapor)
chloroform (vapor)	suffocation (any gas or vapor)
gas (any gas)	vapor (any vapor)

**166. Suicide by hanging or strangulation***The approved terms are:*

Suicide by hanging	Suicide by strangulation
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**167. Suicide by drowning***The approved terms are:*

Suicide by drowning	Suicide by submersion
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**168. Suicide by firearms***The approved terms are:*

Suicide by firearms	Suicide by shooting
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**169. Suicide by cutting or piercing instruments***The approved terms are:*

Suicide by cutting artery	Suicide by cutting throat
blood vessel	piercing instrument
instrument	

**170. Suicide by jumping from high places***The approved term is:*

Suicide by jumping from high place	
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**171. Suicide by crushing***The approved terms are:*

Suicide by crushing	Suicide by jumping before other vehicles
jumping before train	

**172. Suicide by other means***The approved terms are:*

Suicide (unqualified)	Suicide by fire
by burns	scalds
dynamite	

**173. Homicide by firearms***The approved terms are:*

Assassination by firearms	Shot (homicidal)
Gunshot (homicidal)	by burglar
Homicide by firearms	in duel
gunshot	
Shooting (homicidal)	Wound by firearms (homicidal)

**174. Homicide by cutting or piercing instruments***The approved terms are:*

Assassination by cutting or piercing instrument	Knife cut (homicidal)
Cut (homicidal)	stab
Homicide by cutting instrument piercing instrument	Wound by cutting instrument (homicidal)

**175. Homicide by other means***The approved terms are:*

Assassination (without further explanation)	Incendiaryism
Assault by maniac	Lynching
Bite of human being	Manslaughter
Drowning (homicidal)	Murder (unqualified)
Duel	Throwing of sulphuric acid
Homicidal poisoning	vitriol
strangulation	Traumatism (homicidal)
wound	Wound (homicidal)
Homicide (unqualified)	

**176. Criminal abortion***The approved term is:*

Criminal abortion (mother)

**177. Attack by venomous animals***The approved terms are:*

Bite of insect	Venom of animal
serpent	centipede
venomous serpent	scorpion
viper	
Snake-bite	Venomous bite
Sting of insect	sting

**178. Poisoning by food***The approved terms are:*

Botulism	Meat poisoning
Cheese poisoning	Milk poisoning
Egg albumen poisoning	Potato poisoning
Fish poisoning	Sausage poisoning
Food poisoning (food to be specified)	Shellfish poisoning

**179. Accidental absorption of poisonous gas***The approved subtitles and terms are:*(a) **Poisoning by carbon monoxide**

Automobile exhaust gas poisoning	Poisoning by fuel and other gases containing car-
Carbon monoxide poisoning	bon monoxide

Illuminating gas poisoning

(b) **Poisoning by other gases**

Acetylene poisoning	Asphyxia by smoke (conflagration excepted)
Acute etherism	vapor
Ammonia poisoning	Bisulphide of carbon poisoning
Amyl nitrite poisoning	Chloroform poisoning (vapor)
Asphyxia by fumes	Poisoning by anesthetic
gas (accidental; specify gas)	operation

A footnote should follow this title stating that it does not include deaths in burning buildings.

The Committee also recommends that all reports that do not specify that the poisoning was accidental be queried by registration and compiling offices to determine whether such cases are not properly chargeable to suicide or homicide.

The Committee recommends that a separate tabulation be made of all cases in which death was dependent upon the occupation of the decedent.

**180. Other acute accidental poisonings (gas excepted)***The approved terms are:*

Accidental poisoning (specify nature)	Serum intoxication
Acute poisoning (specify nature)	poisoning
Anaphylaxis	Wood alcohol poisoning

All returns which do not specify that the poisoning was accidental should be queried by registration and compiling offices. When this is done many reports will be found to represent cases that are properly chargeable to suicide or homicide.

A footnote should be added to the effect that this title does not include septic poisoning.

**181. Conflagration***The approved terms are:*

Conflagration (to include all injuries of whatever nature resulting therefrom)	Inhalation of smoke (burning building)
Crushed at fire (conflagration)	Jumped from burning building
Forest fire	Prairie fire
	Suffocation (burning building)

The Committee recommends that a separate tabulation be made of all cases in which death was dependent upon the occupation of the decedent.

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**182. Accidental burns (conflagration excepted)***The approved terms are:*

Burn (conflagration excepted, of any organ or part) by boiling liquid water	Dermatitis actinica ambustionis
coal oil	Effects of corrosives
corrosive substance	radium
fall with lighted lamp	X-ray
fire	Explosion of gasoline
gasoline	kerosene
kerosene	lamp
molten metal	Lamp accident
petroleum	Scald (of any part of body)
steam	by steam
sulphuric acid	Sunburn
vitriol	

**183. Accidental mechanical suffocation***The approved terms are:*

Asphyxiation by falling earth	Suffocation (unqualified)
Cave in (unqualified)	by abnormal atmospheric pressure
Overload	bed clothes

The Committee recommends that a separate tabulation be made of all cases in which death was dependent upon the occupation of the decedent.

**184. Accidental drowning***The approved terms are:*

Accidental drowning	Found drowned (open verdict)
submersion	Lost at sea
Asphyxia by drowning	Suffocation by drowning
Drowning (unqualified)	submersion

The Committee recommends that a separate tabulation be made of all cases in which death was dependent upon the occupation of the decedent.

**185. Accidental traumatism by firearms (wounds of war excepted)***The approved terms are:*

Accidental wound by firearms (of any part of body)	Shooting
Firearms	Shot
Gunshot	Traumatism by firearms
Pistol wound	Wound by firearms

The Committee recommends that all reports which do not specify that the traumatism was accidental be queried by registration and compiling offices to determine whether death was accidental, suicidal or homicidal.

**186. Accidental traumatism by cutting or piercing instruments (wounds of war excepted)***The approved terms are:*

Circumcision	Sterilization
Cut (of any part of body)	Traumatism by cutting instrument
by glass	piercing instrument
Incised wound (of any part of body)	Wound by cutting instrument (of any part of body)
Knife cut	Wound by piercing instrument (of any part of body)
stab (accident)	
Punctured wound (of any part of body)	
Stab wound (of any part of body, accidental)	

The Committee recommends that registration and compiling offices query all reports which do not specify definitely that a traumatism was accidental, to determine whether death was actually due to an accident, suicide or homicide.

The Committee recommends that a separate tabulation be made of all cases in which death was dependent upon the occupation of the decedent.

**187. Accidental traumatism by fall, crushing, landslide***The approved terms and subtitles are:*

(a) Accidental traumatism by fall	
Fall (accidental or unqualified)	Injury by diving
downstairs	from fall
(b) Accidental traumatism by crushing, landslide	
Crushed by falling earth	Landslide
Crushing	Traumatism by crushing
	landslide

The Committee recommends that a footnote be added stating that this title does not include accidents connected with traffic, in burning building, or in mines or quarries, and that a separate tabulation be made of all cases in which death was dependent upon the occupation of decedent.

The Committee recommends that the title *Cataclysm* be abolished and that the terms be transferred to title 194, and others.

**188. Injuries by animals (except poisonous animals)***The approved terms are:*

Bite of (any animal) dog	Kick (by horse or other animal) Traumatism by horse
Injury by any animal	

The Committee recommends that a separate tabulation be made of all cases in which death was dependent upon the occupation of decedent.

**189. Hunger and thirst***The approved terms are:*

Deprivation of water	Lack of food
Hunger	Starvation
Inanition (starvation)	Thirst
Insufficient nourishment	

The words "starvation" and "inanition" are sometimes used in the United States and Canada to denote exhaustion from defective nourishment due to disease or to senile or congenital debility. Only where death was caused by actual privation should assignment be made to this title.

**190. Excessive cold***The approved terms are:*

Effects of cold (temperature)	Frostbite
Exposure to cold	
Freezing	Frozen

The Committee recommends that a separate tabulation be made of all cases in which death was dependent upon the occupation of decedent.

**191. Excessive heat***The approved terms are:*

Effects of heat	Insolation
Excessive heat	Overheated
Heat apoplexy	Sun stroke
cramps	
exhaustion	Thermic fever
prostration	
stroke	

The Committee recommends that a separate tabulation be made of all cases in which death was dependent upon the occupation of decedent.

**192. Lightning***The approved terms are:*

Lightning	Thunderbolt
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**193. Accidents due to electric currents***The approved terms are:*

Accidental electric shock	Electric shock
electrocution	Electricity (lightning excepted)
Burn by electricity	
Electric concussion	Injury by electric shock

**194. Other and unstated forms of accidental violence***The approved subtitles and terms are:*(a) **By foreign bodies (site, organ, or orifice to be specified)**(b) **Cataclysm**

Earthquake	Tornado
Cyclone	Hurricane

(c) **Others under this title**

Desertion (newborn)	Lack of care
Explosion	Rupture of uterus (nonpuerperal or unspecified)
Football accident	

**NOTE.**—This is the residual title for external causes. Many indefinite returns found here could be assigned elsewhere if the means of death and the character of violence (accidental, suicidal or homicidal) were stated.

**195. Violent deaths of which nature (accident, suicide, homicide) is unknown**

**NOTE.**—Include under this title only deaths from "other external violence" when doubt is expressed as to whether accidental, suicidal, homicidal or wounds of war.

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**196. Wounds of war**

**NOTE.**—Include under this title all deaths of combatants due to violence even if accidental.

**197. Execution of civilians by belligerent armies****198. Legal executions**

*The approved terms are:*

Capital punishment

Gas asphyxia (execution)

Electrocution (legal execution)

Hanging (legal execution)

Execution

**XVIII. ILL-DEFINED DISEASES (199-200)****199. Sudden death**

Under this title are listed a number of terms all of which are indefinite and unsatisfactory as statements of the primary cause of death.

The Committee is advised that the Bureau of the Census and many State and municipal registration offices are making determined efforts to secure more definite data when such returns are received, and desires to express its approval of this practice. It realizes that until all such reports are eliminated they must be classified somewhere. This, in the opinion of the Committee, is the sole reason for giving this title a place in the International List.

**200. Cause of death not specified or ill-defined**

- (a) Convulsions
- (b) Not specified or unknown
- (c) Ill-defined
- (d) Found dead

The Committee approves the subdivision of this title as in the Census Manual into (a) Ill-defined and (b) Not specified or unknown.

The inclusions constitute a mass of ill-defined and unsatisfactory terms. None of these could receive the approval of the Committee as terms recommended for use in the United States or Canada. All of them, however, in view of their very indefiniteness, the Committee realizes must be included under this heading when they are encountered and when no more definite information can be secured on inquiry.

The Committee is advised that the Bureau of the Census and many State and municipal registration offices are making determined efforts to secure more definite data when such returns are received, and desires to express its approval of this practice. It realizes that until all such reports are eliminated they must be classified somewhere, and that, therefore under present conditions, this title must remain in the list.

**DEATHS DURING WEEK ENDED JAN. 15, 1938**

[From the Weekly Health Index, issued by the Bureau of the Census, Department of Commerce]

	Week ended Jan. 15, 1938	Corresponding week, 1937
Data from 86 large cities in the United States:		
Total deaths.....	9,015	11,152
Average for 3 prior years.....	10,549	-----
Total deaths, first 2 weeks of year.....	18,530	22,647
Deaths under 1 year of age.....	553	642
Average for 3 prior years.....	662	-----
Deaths under 1 year of age, first 2 weeks of year.....	1,104	1,360
Data from industrial insurance companies:		
Policies in force.....	69,954,525	69,211,701
Number of death claims.....	13,846	15,652
Death claims per 1,000 policies in force, annual rate.....	10.3	11.8
Death claims per 1,000 policies, first 2 weeks of year, annual rate.....	9.4	11.3

# PREVALENCE OF DISEASE

*No health department, State or local, can effectively prevent or control disease without knowledge of when, where, and under what conditions cases are occurring*

## UNITED STATES

### CURRENT WEEKLY STATE REPORTS

These reports are preliminary, and the figures are subject to change when later returns are received by the State health officers.

In these and the following tables a zero (0) is to be interpreted to mean that no cases or deaths occurred, while leaders (-----) indicate that cases or deaths may have occurred although none were reported.

*Cases of certain communicable diseases reported by telegraph by State health officers for weeks ended Jan. 22, 1938, and Jan. 23, 1937*

Division and State	Diphtheria		Influenza		Measles		Meningococcus meningitis	
	Week ended Jan. 22, 1938	Week ended Jan. 23, 1937	Week ended Jan. 22, 1938	Week ended Jan. 23, 1937	Week ended Jan. 22, 1938	Week ended Jan. 23, 1937	Week ended Jan. 22, 1938	Week ended Jan. 23, 1937
<b>New England States:</b>								
Maine.....	4	2	5	204	102	96	1	1
New Hampshire.....		1		3	117	22	0	0
Vermont.....					289	5	0	0
Massachusetts.....	6	3			144	1,074	0	1
Rhode Is and.....		1		4		188	0	0
Connecticut.....	7	3	10	1,152	13	307	2	0
<b>Middle Atlantic States:</b>								
New York.....	19	42	1 19	1 432	400	280	5	17
New Jersey.....	22	8	5	356	950	467	2	5
Pennsylvania.....	54	61			5,408	90	8	6
<b>East North Central States:</b>								
Ohio.....	29	41		115	976	39	1	6
Indiana.....	83	20	28	307	547	8	1	3
Illinois.....	39	23	42	486	3,848	26	0	8
Michigan.....	7	23		139	664	50	3	5
Wisconsin.....	1	3	37	2,462	835	24	0	1
<b>West North Central States:</b>								
Minnesota.....	10		4	11	17	25	4	0
Iowa.....	4	5	8	1,564	40	3	0	0
Missouri.....	29	15	176	1,224	1,344	3	2	0
North Dakota.....	2	1	3	400	5	1	0	1
South Dakota.....				266		2	0	2
Nebraska.....	2			94	5	3	0	0
Kansas.....	9	7	12	4,988	250	3	0	0
<b>South Atlantic States:</b>								
Delaware.....	1	1		32	8	138	0	0
Maryland <sup>2</sup> .....	10	7	26	416	15	253	2	7
District of Columbia.....	8	9	1	143	12	31	1	4
Virginia.....	21	25			392	188	1	7
West Virginia.....	17	6	56	900	307	17	4	6
North Carolina <sup>3</sup> .....	23	29	35	62	797	59	3	1
South Carolina <sup>3</sup> .....	4	13	740	861	104	9	0	5
Georgia <sup>3</sup> .....	11	11		470	306		3	4
Florida.....	12	8	5	50	182	6	2	10
<b>East South Central States:</b>								
Kentucky.....	26	10	54	359	493	51	8	9
Tennessee <sup>3</sup> .....	13	20	159	746	575	15	3	6
Alabama <sup>3</sup> .....	17	14	272	399	150	2	4	1
Mississippi <sup>3</sup> .....	12	6					1	1

See footnotes at end of table.

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*Cases of certain communicable diseases reported by telegraph by State health officers for weeks ended Jan. 22, 1938, and Jan 23, 1937—Continued*

Division and State	Diphtheria		Influenza		Measles		Meningococcus meningitis	
	Week ended Jan. 22, 1938	Week ended Jan. 23, 1937	Week ended Jan. 22, 1938	Week ended Jan. 23, 1937	Week ended Jan. 22, 1938	Week ended Jan. 23, 1937	Week ended Jan. 22, 1938	Week ended Jan. 23, 1937
West South Central States:								
Arkansas	22	3	218	651	149	-----	1	1
Louisiana <sup>1</sup>	15	27	26	193	5	4	2	5
Oklahoma <sup>1</sup>	28	4	177	485	12	3	2	6
Texas <sup>1</sup>	53	67	739	2,421	104	442	0	5
Mountain States:								
Montana				2,706	2	3	0	0
Idaho				843	5	71	0	0
Wyoming					2	1	0	0
Colorado	7	3			282	8	0	0
New Mexico	3		2	331	192	32	1	1
Arizona	6	7	96	747	2	172	0	2
Utah <sup>1</sup>	6	1		70	44	16	2	0
Pacific States:								
Washington	1	2		226	46	29	1	1
Oregon	2		56	2,324	8	14	1	0
California	24	42	131	6,210	110	82	1	1
Total	669	574	8,144	36,312	20,258	4,357	72	139
First 3 weeks of year	2,070	1,927	8,372	71,727	49,340	12,600	273	440

Division and State	Poliomyelitis		Scarlet fever		Smallpox		Typhoid and paratyphoid fevers		Whooping cough	
	Week ended Jan. 22, 1938	Week ended Jan. 23, 1937	Week ended Jan. 22, 1938	Week ended Jan. 23, 1937	Week ended Jan. 22, 1938	Week ended Jan. 23, 1937	Week ended Jan. 22, 1938	Week ended Jan. 23, 1937	Week ended Jan. 22, 1938	Week ended Jan. 23, 1937
New England States:										
Maine	0	0	22	18	0	0	0	0	21	68
New Hampshire	0	0	17	4	0	0	0	0	0	10
Vermont	0	0	22	1	0	0	0	0	0	26
Massachusetts	0	1	276	235	0	0	1	0	0	107
Rhode Island	0	0	48	43	0	0	0	0	0	43
Connecticut	0	0	68	99	0	0	1	3	0	42
Middle Atlantic States:										
New York	2	1	584	783	0	18	4	5	0	389
New Jersey	0	0	131	131	0	0	5	0	0	160
Pennsylvania	1	0	509	641	0	0	4	6	0	344
East North Central States:										
Ohio	2	2	300	289	3	3	2	2	0	69
Indiana	1	0	277	164	48	4	0	1	0	17
Illinois	0	1	727	466	51	26	2	8	0	124
Michigan	0	0	574	659	7	9	1	2	0	220
Wisconsin	2	0	204	330	13	15	0	1	0	142
West North Central States:										
Minnesota	0	3	182	141	51	9	2	0	0	37
Iowa	1	0	280	165	60	12	0	1	0	42
Missouri	0	0	282	206	70	75	7	1	0	112
North Dakota	0	0	30	21	26	15	1	0	0	63
South Dakota	0	0	26	87	10	0	0	0	0	26
Nebraska	0	0	39	67	1	13	0	0	0	10
Kansas	1	0	198	256	8	26	2	0	0	122
South Atlantic States:										
Delaware	0	0	14	4	0	0	0	0	0	7
Maryland <sup>1</sup>	0	0	62	72	0	0	4	3	0	62
District of Columbia	0	0	15	18	0	0	3	1	0	3
Virginia	0	0	51	26	0	0	2	7	0	93
West Virginia	0	1	68	56	1	0	0	1	0	128
North Carolina <sup>1</sup>	0	1	41	35	2	0	5	1	0	326
South Carolina <sup>1</sup>	0	1	7	7	0	0	6	1	0	47
Georgia <sup>1</sup>	1	3	19	36	0	0	3	7	0	51
Florida	0	0	9	5	2	0	2	0	0	14
East South Central States:										
Kentucky	1	0	118	25	33	0	1	3	0	92
Tennessee <sup>1</sup>	0	1	35	30	7	0	2	4	0	31
Alabama <sup>1</sup>	3	1	31	9	3	0	5	3	0	33
Mississippi <sup>1</sup>	1	0	7	9	7	1	0	1	0	-----

See footnotes at end of table.

*Cases of certain communicable diseases reported by telegraph by State health officers for weeks ended Jan 22, 1938, and Jan. 23, 1937—Continued*

Division and State	Poliomyelitis		Scarlet fever		Smallpox		Typhoid and paratyphoid fevers		Whooping cough
	Week ended Jan. 22, 1938	Week ended Jan. 23, 1937	Week ended Jan. 22, 1938	Week ended Jan. 23, 1937	Week ended Jan. 22, 1938	Week ended Jan. 23, 1937	Week ended Jan. 22, 1938	Week ended Jan. 23, 1937	Week ended Jan. 22, 1938
<b>West South Central States:</b>									
Arkansas	0	1	7	11	24	0	4	8	64
Louisiana <sup>1</sup>	0	2	22	15	3	0	14	5	3
Oklahoma <sup>2</sup>	1	2	93	25	4	0	6	1	40
Texas <sup>3</sup>	1	0	179	107	24	1	18	11	193
<b>Mountain States:</b>									
Montana	0	0	25	66	12	12	1	0	31
Idaho	0	0	51	24	42	8	2	0	40
Wyoming	0	0	13	8	6	17	0	0	8
Colorado	0	0	63	19	15	1	0	0	7
New Mexico	1	0	25	23	1	0	0	3	32
Arizona	0	0	10	24	2	0	0	0	15
Utah <sup>4</sup>	0	0	86	31	0	0	0	0	29
<b>Pacific States:</b>									
Washington	0	1	62	45	34	4	0	0	138
Oregon	2	1	47	29	34	8	1	0	21
California	1	1	262	270	34	10	5	5	423
Total	22	24	6,218	5,844	638	278	116	116	4,104
First 3 weeks of year	59	71	17,428	17,281	1,834	809	369	392	11,624

<sup>1</sup> New York City only.

<sup>2</sup> Week ended earlier than Saturday.

<sup>3</sup> Typhus fever, week ended Jan. 22, 1938, 16 cases, as follows: North Carolina, 2; South Carolina, 2; Georgia,

3; Tennessee, 1; Alabama, 1; Louisiana, 2; Texas, 5.

<sup>4</sup> Figures for 1937 are exclusive of Oklahoma City and Tulsa.

A delayed report from Arkansas includes a report of 10 cases of smallpox for the week ended Jan. 15, 1938.

### SUMMARY OF MONTHLY REPORTS FROM STATES

The following summary of cases reported monthly by States is published weekly and covers only those States from which reports are received during the current week:

State	Menin-gococ-cus menin-gitis	Diph-theria	Influ-enza	Mala-ria	Meas-les	Pel-lagra	Poliomye-litis	Scarlet fever	Small-pox	Ty-phoid fever
<i>December 1937</i>										
California	15	169	189	8	254	5	20	974	102	53
Florida	4	107	34	48	151	1	1	53	3	23
Indiana	2	113	193	-----	292	-----	1	666	219	8
Iowa	2	27	20	-----	37	-----	2	936	171	1
Louisiana	6	76	436	38	6	10	3	50	0	31
Maryland	10	73	69	1	35	1	1	256	0	17
Minnesota	6	18	6	-----	23	-----	13	570	59	9
Mississippi	7	45	5,181	1,160	207	122	7	54	3	3
Montana	2	57	-----	-----	24	-----	1	110	76	8
Nebraska	2	21	-----	-----	8	-----	2	146	5	2
Ohio	29	133	92	-----	1,807	-----	2	1,408	13	11
Oklahoma	12	111	458	25	33	1	6	325	9	18
Oregon	2	18	115	1	57	-----	5	200	37	7
Pennsylvania	20	142	-----	2	10,774	2	6	1,736	0	70
Rhode Island	3	3	-----	-----	7	-----	0	138	0	1
South Dakota	1	3	17	-----	18	-----	3	127	16	0
Virginia	16	128	631	1	467	5	2	197	0	11
Washington	1	21	10	-----	77	-----	3	196	90	4

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## December 1937

	Cases
Actinomycosis:	
California.....	1
Anthrax:	
Iowa.....	4
Chicken pox:	
California.....	1,974
Florida.....	129
Indiana.....	260
Iowa.....	437
Louisiana.....	21
Maryland.....	708
Minnesota.....	793
Mississippi.....	623
Montana.....	461
Nebraska.....	239
Ohio.....	1,758
Oklahoma.....	136
Oregon.....	321
Pennsylvania.....	5,299
Rhode Island.....	108
South Dakota.....	231
Virginia.....	323
Washington.....	752
Conjunctivitis:	
Oklahoma.....	1
Washington.....	1
Diarrhea:	
Maryland.....	9
Ohio (under 2 years; enteritis included).....	14
Dysentery:	
California (amoebic).....	17
California (bacillary).....	45
Florida.....	1
Louisiana (amoebic).....	1
Louisiana (bacillary).....	3
Maryland (bacillary).....	5
Mississippi (amoebic).....	58
Mississippi (bacillary).....	181
Montana (bacillary).....	1
Ohio (amoebic).....	1
Ohio (bacillary).....	2
Oklahoma (amoebic).....	2
Oklahoma (unspecified).....	4
Virginia (amoebic).....	3
Virginia (unspecified; diarrhea included).....	15
Washington (amoebic).....	1
Washington (bacillary).....	2
Encephalitis, epidemic or lethargic:	
California.....	
Iowa.....	
Louisiana.....	
Maryland.....	
Ohio.....	
Oregon.....	
Pennsylvania.....	
Virginia.....	
Food poisoning:	
California.....	
Washington.....	
German measles:	
California.....	
Florida.....	
Iowa.....	
Maryland.....	
Montana.....	
Ohio.....	
Pennsylvania.....	
Rhode Island.....	
Washington.....	
Granuloma, coccidioidal:	
California.....	1
Hookworm disease:	
California.....	1
Florida.....	1,012
Louisiana.....	11
Mississippi.....	555

## December 1937—Con tinued

	Cases
Impetigo contagiosa:	
Maryland.....	12
Montana.....	16
Oklahoma.....	5
Oregon.....	119
South Dakota.....	7
Washington.....	5
Jaundice:	
California.....	14
Maryland.....	2
Oregon.....	16
Lead poisoning:	
Ohio.....	8
Leprosy:	
California.....	1
Mumps:	
California.....	1,267
Florida.....	8
Indiana.....	8
Iowa.....	31
Louisiana.....	3
Maryland.....	49
Mississippi.....	237
Montana.....	71
Nebraska.....	61
Ohio.....	190
Oklahoma.....	8
Oregon.....	51
Pennsylvania.....	2,540
Rhode Island.....	34
South Dakota.....	10
Virginia.....	170
Washington.....	693
Ophthalmia neonatorum:	
California.....	5
Louisiana.....	1
Maryland.....	2
Mississippi.....	4
Ohio.....	44
Oklahoma.....	2
Pennsylvania.....	7
Rhode Island.....	1
Virginia.....	1
Paratyphoid fever:	
California.....	2
Louisiana.....	1
Ohio.....	1
Puerperal septicemia:	
Mississippi.....	23
Ohio.....	3
South Dakota.....	1
Washington.....	1
Rabies in animals:	
California.....	181
Florida.....	5
Indiana.....	27
Louisiana.....	15
Maryland.....	2
Mississippi.....	13
Oregon.....	3
Washington.....	16
Rabies in man:	
California.....	1
Mississippi.....	1
Scabies:	
Maryland.....	1
Montana.....	8
Oklahoma.....	1
Oregon.....	123
Septic sore throat:	
California.....	9
Iowa.....	2
Louisiana.....	12
Maryland.....	15
Minnesota.....	7
Montana.....	9
Nebraska.....	1
Ohio.....	84
Oklahoma.....	37

## December 1937—Continued

	Cases
Septic sore throat—Con.	
Oregon.....	12
Rhode Island.....	10
South Dakota.....	5
Virginia.....	17
Washington.....	4
Tetanus:	
California.....	4
Florida.....	2
Louisiana.....	3
Oklahoma.....	1
Trachoma:	
California.....	21
Minnesota.....	2
Mississippi.....	1
Oklahoma.....	5
Oregon.....	4
Pennsylvania.....	2
South Dakota.....	6
Trichinosis:	
California.....	9
Florida.....	1
Maryland.....	1
Montana.....	35
Pennsylvania.....	2
Tularaemia:	
California.....	5
Indiana.....	28
Iowa.....	9
Louisiana.....	4
Maryland.....	12
Montana.....	2
Ohio.....	45
Oklahoma.....	5
Pennsylvania.....	3
Virginia.....	13
Typhus fever:	
Florida.....	9
Undulant fever:	
California.....	17
Florida.....	4
Indiana.....	5
Iowa.....	8
Louisiana.....	5
Maryland.....	3
Minnesota.....	8
Mississippi.....	4
Ohio.....	10
Oklahoma.....	71
Pennsylvania.....	7
Rhode Island.....	1
Virginia.....	3
Washington.....	5
Vincent's infection:	
Florida.....	1
Maryland.....	9
Oklahoma.....	2
Oregon.....	20
Washington.....	1
Whooping cough:	
California.....	1,499
Florida.....	22
Indiana.....	75
Iowa.....	113
Louisiana.....	42
Maryland.....	248
Minnesota.....	154
Mississippi.....	593
Montana.....	157
Nebraska.....	45
Ohio.....	372
Oklahoma.....	70
Oregon.....	113
Pennsylvania.....	1,309
Rhode Island.....	141
South Dakota.....	113
Virginia.....	375
Washington.....	363

## WEEKLY REPORTS FROM CITIES

City reports for week ended Jan. 15, 1938

This table summarizes the reports received weekly from a selected list of 140 cities for the purpose of showing a cross section of the current urban incidence of the communicable diseases listed in the table. Weekly reports are received from about 700 cities, from which the data are tabulated and filed for reference.

State and city	Influenza		Measles cases	Pneumonia deaths	Scarlet fever cases	Small-pox cases	Tuberculosis deaths	Typhoid fever cases	Whooping cough cases	Deaths, all causes
	Diphtheria cases	Cases Deaths								
Data for 90 cities: 5-year average--	231	1,778	205	1,953	1,113	1,752	23	387	21	1,062
Current week <sup>1</sup>	173	246	73	3,165	779	1,682	95	329	18	951
Maine:										
Portland	0		0	2	3	0	0	0	14	16
New Hampshire:										
Concord	0		0	4	1	1	0	0	0	6
Manchester	0		2	0	1	12	0	0	0	23
Nashua	0		0	2	2	0	0	0	0	9
Vermont:										
Barre										
Burlington	0		0	0	0	0	0	0	1	12
Rutland	0		0	0	1	0	0	0	0	7
Massachusetts:										
Boston	3		0	53	11	89	0	9	1	215
Fall River	0		0	0	3	1	0	2	0	26
Springfield	0		0	0	7	37	0	0	0	28
Worcester	0		0	0	5	11	0	1	0	49
Rhode Island:										
Pawtucket	0		0	0	0	4	0	0	0	18
Providence	0		1	0	11	21	0	4	0	78
Connecticut:										
Bridgeport	0		0	0	3	19	0	3	0	42
Hartford	0		0	2	10	14	0	0	0	64
New Haven	0	1	0	0	1	3	0	0	0	54
New York:										
Buffalo	0		2	2	17	24	0	7	0	181
New York	31	14	5	72	140	225	0	75	1	1,478
Rochester	1	2	0	2	10	8	0	3	0	87
Syracuse	0		0	0	2	10	0	2	0	53
New Jersey:										
Camden	0		0	11	2	2	0	0	1	38
Newark	3	2	1	4	6	18	0	7	0	96
Trenton	0		1	43	5	3	0	1	0	30
Pennsylvania:										
Philadelphia	3		4	211	37	120	0	14	5	34
Pittsburgh	1	6	2	333	24	50	0	7	0	31
Reading	0		0	2	3	7	0	3	0	2
Scranton	0			32		0	0	0	0	3
Ohio:										
Cincinnati	2	1	1	1	9	18	0	7	0	135
Cleveland	6	26	2	133	22	66	0	11	1	40
Columbus	2		0	28	2	13	0	4	0	85
Toledo	0	1	1	62	6	4	0	2	0	63
Indiana:										
Anderson	0		0	0	1	3	0	0	1	13
Fort Wayne	2		0	7	1	8	0	1	0	24
Indianapolis	21		2	18	12	27	1	4	0	103
Muncie	1		0	16	2	2	0	0	0	15
South Bend	0		0	4	3	6	0	0	0	16
Terre Haute	1		0	1	0	1	0	0	0	23
Illinois:										
Alton	0		0	5	2	11	0	0	0	10
Chicago	13	21	7	699	58	203	0	35	0	778
Elgin	0		0	1	0	17	0	0	0	10
Moline	1		0	37	0	15	0	0	0	11
Springfield	0		0	31	3	9	7	0	0	21
Michigan:										
Detroit	7		0	275	27	138	0	25	1	46
Flint	0		0	1	5	39	0	1	0	28
Grand Rapids	0		0	3	6	20	0	0	0	49
Wisconsin:										
Kenosha	0		0	1	1	4	0	0	0	3
Madison	0		0	1	0	4	0	0	0	2
Milwaukee	2	2	2	425	15	26	0	6	0	31
Racine	0		0	2	0	6	0	0	0	2
Superior	0		0	1	0	0	0	0	0	5

<sup>1</sup> Figures for Barre, Vt., and Winston-Salem, N. C., estimated; reports not received.

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## City reports for week ended Jan. 15, 1938—Continued

State and city	Diph- theria cases	Influenza		Meas- sles cases	Pneu- monia deaths	Scar- let fever cases	Small- pox cases	Tuber- culosis deaths	Ty- phoid fever cases	Whoop- ing cough cases	Deaths, all causes
		Cases	Deaths								
Minnesota:											
Duluth	0	0	1	1	10	0	2	1	7	17	
Minneapolis	0	2	1	7	39	0	0	0	7	106	
St. Paul	0	0	5	0	5	53	0	0	3	65	
Iowa:											
Cedar Rapids	0		0		1	0		0	6		
Davenport	0		5		3	0		0	0		
Des Moines	0		0		29	4		0	0	45	
Sioux City	0		1		1	0		0	1		
Waterloo	1		0		8	0		0	1		
Missouri:											
Kansas City	0	2	1	64	14	36	1	3	0	13	111
St. Joseph	0	0	0	4	3	0	2	0	0	0	25
St. Louis	5	3	260	16	67	4	1	0	3	227	
North Dakota:											
Fargo	0	0	2	0	9	0	0	0	1	9	
Grand Forks	0		1	0	4	1		0	1		
Minot	0	0	0	0	3	0	0	0	21	6	
South Dakota:											
Aberdeen	1		0		3	0		0	0	0	
Sioux Falls	0	0	0	0	7	0	0	0	0	0	10
Nebraska:											
Omaha	4	0	0	5	7	0	1	0	1	50	
Kansas:											
Lawrence	0	3	0	0	0	1	0	0	2	8	
Topeka	0	1	0	3	5	0	0	0	27	12	
Wichita	2	0	0	3	4	0	1	0	4	28	
Delaware:											
Wilmington	2	0	0	3	3	0	0	0	2	26	
Maryland:											
Baltimore	4	9	1	7	26	19	0	5	0	31	229
Cumberland	0	0	0	1	0	0	0	0	0	0	12
Frederick	0	0	0	1	0	0	0	0	0	0	4
District of Colum- bia:											
Washington	4	3	7	23	26	0	12	1	9	158	
Virginia:											
Lynchburg	2	0	0	1	1	0	0	0	1	18	
Norfolk	0	0	8	4	14	0	0	0	3	26	
Richmond	1	4	0	5	5	0	2	0	0	62	
Roanoke	1	0	1	0	1	0	1	0	3	23	
West Virginia:											
Charleston	0	1	0	2	0	0	0	0	0	19	
Huntington	2		24		4	0	0	0	0		
Wheeling	0	0	1	4	6	0	0	0	2	17	
North Carolina:											
Raleigh	0	0	0	3	0	0	0	0	46	14	
Wilmington	0	0	3	3	0	0	0	0	7	9	
Winston-Salem											
South Carolina:											
Charleston	0	51	2	17	2	1	0	2	1	0	22
Greenville	0	0	2	2	0	0	0	0	20	11	
Georgia:											
Atlanta	3	19	3	118	7	10	0	6	0	4	90
Brunswick	0	0	0	1	0	0	0	0	0	0	5
Savannah	1	2	1	0	4	1	0	1	1	0	28
Florida:											
Miami	1	1	1	51	2	2	0	2	0	6	36
Tampa	0	0	1	2	2	4	0	0	0	0	18
Kentucky:											
Covington	1	0	0	0	1	1	0	0	0	0	11
Lexington	0	1	1	1	4	2	0	1	0	0	18
Louisville	1	9	0	50	13	34	0	2	0	4	92
Tennessee:											
Knoxville	3	6	0	5	2	1	0	1	0	1	24
Memphis	3	2	1	124	3	9	0	0	0	3	89
Nashville	0	0	2	5	1	0	0	0	0	2	48
Alabama:											
Birmingham	3	20	2	28	5	2	0	3	0	0	89
Mobile	0	1	1	2	2	1	0	0	0	0	20
Montgomery	0	5		4		1	0		0	1	
Arkansas:											
Fort Smith	0		2		0	0			10		
Little Rock	1	0	30	8	2	0	2	0	0	0	12
Louisiana:											
Lake Charles	0	0	0	1	0	0	1	0	0	11	
New Orleans	12	24	7	40	13	0	10	2	0	0	203
Shreveport	1	0	1	5	6	0	1	1	0	0	43

## City reports for week ended Jan. 15, 1938—Continued

State and city	Diph- theria cases	Influenza		Meas- sles cases	Pneu- monia deaths	Scar- let fever cases	Small- pox cases	Tuber- culosis deaths	Ty- phoid fever cases	Whoop- ing cough cases	Deaths, all causes
		Cases	Deaths								
Oklahoma:											
Muskogee	1			0		0	0		0	1	
Oklahoma City	1	1	0	0	3	6	0	0	0	0	39
Tulsa	1		0	0		7	2		0	11	
Texas:											
Dallas	2	5	5	0	13	10	0	3	0	0	70
Fort Worth	0		0	1	7	10	0	2	0	0	48
Galveston	0		0	0	3	1	0	0	0	0	15
Houston	3	1	0	0	5	8	0	5	0	0	73
San Antonio	1		1	0	8	0	0	3	0	0	55
Montana:											
Billings	0		0	1	3	0	0	0	0	0	7
Great Falls	0		0	0	3	1	1	0	0	13	10
Helena	0		0	0	0	1	0	0	0	3	3
Missoula	0		0	0	0	1	0	0	0	0	7
Idaho:											
Boise	0		0	0	1	0	18	0	0	0	9
Colorado:											
Colorado Springs	0		0	0	2	1	0	0	0	0	15
Denver	8		0	90	12	16	1	3	0	3	101
Pueblo	0		0	0	1	1	1	0	0	2	8
New Mexico:											
Albuquerque	0		0	22	2	1	0	3	0	4	13
Utah:											
Salt Lake City	0		1	10	5	15	0	0	0	7	41
Washington:											
Seattle	0		0	2	6	6	1	2	0	41	95
Spokane	0		0	0	2	1	1	0	0	3	33
Tacoma	0		0	0	2	7	5	1	0	19	29
Oregon:											
Portland	3	2	0	0	7	27	1	0	0	0	77
Salem	0	1		0		1	0		0	0	
California:											
Los Angeles	10	26	1	8	28	50	1	13	0	22	347
Sacramento	1		0	0	3	0	0	1	0	43	28
San Francisco	1		3	3	6	9	0	9	0	57	194

State and city	Meningococcus meningitis		Polio- myel- itis cases	State and city	Meningococcus meningitis		Polio- myel- itis cases
	Cases	Deaths			Cases	Deaths	
Massachusetts:				District of Columbia:			
Boston	1	1	0	Washington	1	0	0
New York:				Kentucky:			
Buffalo	2	1	0	Louisville	1	0	0
New York	1	1	1	Tennessee:			
New Jersey:				Knoxville	1	2	0
Camden	1	0	0	Alabama:			
Pennsylvania:				Birmingham	2	1	0
Philadelphia	1	0	0	Arkansas:			
Ohio:				Little Rock	0	1	0
Cleveland	1	1	0	Louisiana:			
Indiana:				New Orleans	1	0	0
Anderson	1	1	0	Colorado:			
Illinois:				Denver	0	1	0
Alton	0	0	1	Washington:			
Chicago	2	0	0	Spokane	1	1	0
Michigan:				California:			
Detroit	1	0	0	Los Angeles	2	1	0
Minnesota:				San Francisco	1	0	0
Duluth	1	0	0				
Kansas:							
Wichita	1	0	0				

*Encephalitis, epidemic or lethargic.*—Cases: Providence, 1; New York, 1; Minneapolis, 1.

*Pellagra.*—Cases: Atlanta, 6; Brunswick, 1; Birmingham, 1.

*Rabies in man.*—Deaths: Atlanta, 1.

*Typhus fever.*—Cases: Charleston, S. C., 2; Savannah, 1; Mobile, 1; Houston, 1. Deaths: Mobile, 1; Houston, 1.

## FOREIGN AND INSULAR

### CANADA

*Provinces—Communicable diseases—2 weeks ended January 1, 1938.*—During the 2 weeks ended January 1, 1938, cases of certain communicable diseases were reported by the Department of Pensions and National Health of Canada as follows:

Disease	Prince Ed- ward Island	Nova Scotia	New Brun- wick	Quebec	Ontario	Mani- toba	Sas- katch- ewan	Alberta	British Colum- bia	Total
Cerebrospinal meningitis				1	1	1				3
Chicken pox	2	1	217	404	143	36	34	86	923	
Diphtheria	7	5	103	14	6	10			1	146
Dysentery				1						1
Erysipelas				7	5	4	1	8		30
Influenza	59				54	2			93	208
Measles	56	29	138	511	29	74	55	302	1,214	
Mumps	1			160	31		6	9		207
Paratyphoid fever					10				1	11
Pneumonia	1				34				11	46
Poliomyelitis				1	3		4	1	1	10
Scarlet fever	30	10	206	208	64	78	45	33	674	
Trachoma							1		1	2
Tuberculosis	23	9	73	53	92	2			20	272
Typhoid fever		2	68	4	3	1	1	11		90
Undulant fever				2	2			1		5
Whooping cough	9		204	130	42	45		31		461

### EGYPT

*Infectious diseases—First quarter 1937.*—During the first quarter of 1937 certain infectious diseases were reported in Egypt as follows:

Disease	Cases	Deaths	Disease	Cases	Deaths
Anthrax		1	Plague		
Cerebrospinal meningitis	75	60	Poliomyelitis	3	1
Chicken pox	431	1	Puerperal septicemia	96	22
Diphtheria	245	122	Rabies	10	10
Dysentery	404	63	Scarlet fever	15	
Erysipelas	924	191	Smallpox	1	
Influenza	2,073	155	Tetanus	97	65
Jaundice, epidemic		1	Tuberculosis (pulmonary)	1,098	617
Leprosy	86	12	Typhoid fever	808	177
Lethargic encephalitis	1		Typhus fever	491	86
Malaria	5,945	28	Undulant fever	4	1
Measles	2,106	29	Whooping cough	493	21
Mumps	286	2			

*Vital statistics—First quarter 1937.*—Following are vital statistics for Egypt for the first quarter of 1937:

Number of live births.....	56, 855
Live births per 1,000 inhabitants.....	48. 9
Number of stillbirths.....	1, 115
Number of deaths.....	27, 531
Deaths per 1,000 inhabitants.....	23. 7
Deaths under 1 year of age.....	6, 905
Deaths under 1 year of age per 1,000 live births.....	121

#### LATVIA

*Vital statistics—Year 1936.*—Following are vital statistics for Latvia for the year 1936:

Population.....	1, 950, 502
Marriages.....	16, 550
Births.....	35, 468
Births per 1,000 population.....	18. 09
Deaths.....	27, 646
Deaths per 1,000 population.....	14. 10
Deaths under 1 year of age per 1,000 births.....	8. 01

#### UNION OF SOUTH AFRICA

*Natal—Durban—Undetermined outbreak involving paralysis.*—A report dated January 20, 1938, states that an outbreak of a disease in the form of a paralysis has occurred in Durban, where 36 cases have been reported. Every member of the vessel *Jean L D* that visited Durban in October 1937 has been afflicted. The disease is stated to be of low virulence.

#### VIRGIN ISLANDS

*Notifiable diseases—October—December 1937.*—During the months of October, November, and December, 1937, certain notifiable diseases were reported in the Virgin Islands as follows:

Disease	Octob- er	No- vem- ber	Decem- ber	Disease	Octob- er	No- vem- ber	Decem- ber
Diphtheria.....		2		Pellagra.....	1	1	1
Filariasis.....	1			Pneumonia.....	5	2	3
Gonorrhea.....	16	14	18	Schistosomiasis.....	1	2	4
Hookworm disease.....	1	3	11	Syphilis.....	10	8	18
Leprosy.....	1			Tetanus.....		1	2
Malaria.....		12	30	Tuberculosis.....	2	2	4

**CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER**

NOTE.—A table giving current information of the world prevalence of quarantinable diseases appeared in the PUBLIC HEALTH REPORTS for January 28, 1938, pages 144-159. Similar cumulative tables will appear in future issues of the PUBLIC HEALTH REPORTS for the last Friday of each month.

**Cholera**

*China—Hong Kong.*—During the week ended January 15, 1938, 1 case of cholera was reported in Hong Kong, China.

*Dutch East Indies—Celebes—Macassar.*—During the week ended January 15, 1938, 1 case of cholera was reported in Macassar, Celebes, Dutch East Indies.

*India (French)—Pondichery Territory.*—During the week ended December 18, 1937, 1 case of cholera was reported in Pondichery Territory, French India.

*Indochina (French).*—During the week ended January 15, 1938, 12 cases of cholera were reported in Annam Province, and 7 cases of cholera in Tonkin Province, French Indochina.

**Plague**

*Bolivia—Tarija Department.*—A report dated January 25, 1938, states that 50 cases of bubonic plague have occurred in Tarija Department, Bolivia.

*Ecuador—Guayas Province—Colimes.*—During the week ended January 8, 1938, 1 case of plague was reported in Colimes, Guayas Province, Ecuador.

*Hawaii Territory—Island of Hawaii—Hamakua District—Paauhau Sector.*—A rat found on January 14, 1938, one rat found on January 15, and another rat found on January 17, 1938, in Paauhau Sector, Hamakua District, Island of Hawaii, Hawaii Territory, have been found plague infected.

**Smallpox**

*China—Canton—Hong Kong.*—From December 1, 1937, to February 1, 1938, 65 cases of smallpox have been reported from one hospital in the city of Canton.

During the week ended January 25, 1938, 75 cases of smallpox with a mortality of 70 percent were reported in Hong Kong, China.

*Venezuela—Puerto Cabello.*—A report dated January 10, 1938, states that 16 cases of smallpox (alastrim) were unofficially reported in Puerto Cabello, Venezuela.

**Typhus Fever**

*Sierra Leone.*—On December 4, 1937, 1 case of typhus fever was reported in Sierra Leone.

**Yellow Fever**

*Brazil—Santa Catharina State—Joinville.*—On December 2, 1937, 1 death from yellow fever was reported in Joinville, Santa Catharina State, Brazil.

*Colombia.*—Yellow fever has been reported in Colombia as follows: Boyaca Department—Muzo, 1 death on December 13, 1937; Santander Department—Puerto Wilches, 1 death on December 21, 1937.

*Dahomey—Cotonou.*—During the period December 11–20, 1937, 5 suspected cases of yellow fever were reported in Cotonou, Dahomey.

*Gambia—Georgetown.*—On January 10, 1938, 1 suspected case of yellow fever was reported in Georgetown, Gambia.

X